

THE INTERNATIONAL  
ASSOCIATION  
OF CONTACT LENS  
EDUCATORS

The International Association of Contact Lens Educators  
Annual Report 2006 to 2007



IACLE  
International Association  
of Contact Lens Educators

THE INTERNATIONAL  
ASSOCIATION  
OF CONTACT LENS  
EDUCATORS

## CONTENTS

<b>EXECUTIVE SUMMARY</b>	<b>2</b>
<b>GLOBAL OVERVIEW</b>	<b>6</b>
<b>REGIONAL ACTIVITES</b>	<b>18</b>
Asia Pacific	
Europe/Africa-Middle East	
Americas	
<b>APPENDIX</b>	<b>53</b>
FIACLE Profiles	

## EXECUTIVE SUMMARY

In early 2007, we had the unique opportunity to spend 3 days with key individuals from our industry partners to carefully examine IACLE programs, activities and accomplishments and together determine our future path.

The time spent together in working through this strategic planning process was instrumental in establishing a vision that was shared by all, and for building the partnerships that are necessary for IACLE and Industry to work together to achieve our common goals:

Goals
• Increase the number of active, skilled and knowledgeable contact lens educators globally
• Increase the commitment and support from member institutions
• Improved partnership with Industry through increased communication and participation
• Gain knowledge and understanding of the level of contact lens activity at institutions
• Improve the standard of contact lens education received by students

While there have been pressures to change our focus to the more short term strategy of training practitioners, a unanimous decision was made to continue the long term investment in educators – who remain our key stakeholder.

Several new program initiatives were proposed and the final outcome was a list of strategic initiatives, with measures and timelines. Each region is responsible for prioritizing these to meet the local needs of their priority countries, developing strategic plans and driving program implementation. Outcomes will be measured first regionally and then globally for the entire organization.

To streamline and focus the organization’s structure and operations, IACLE has moved to a 3 region structure: Asia Pacific, Europe/Africa-Middle East, and Americas.

2007 Strategic Initiatives
2007 IACLE Accreditation Examination
Partnering with Industry
Collaborating with Institutions
Distance Learning Program
Educator Meetings & Fellowships
Delivery of Effective Teaching
Development of Educational Resources
Student Trial Exam
Institutional Demographics Database
Centers of Excellence Program

We are also looking at streamlining our activities and a new focus for us will be to investigate and provide more web-based delivery of programs, resources and services wherever possible. This along with a more regional approach to strategic initiative implementation – focusing on priority countries – will ensure a more efficient organisation.



Based on many factors, including market potential and lack of current contact lens educational infrastructure, priority countries were determined within each region.

Asia Pacific	Europe/Africa-Middle East	Americas
China Korea Taiwan India	Russia Poland, Czech Republic, and Hungary Germany Turkey Egypt	Brazil Mexico Colombia

These countries were then ranked on a global level. These are the countries that IACLE will focus on for development and implementation of programs and resources.

### Global Priority Countries

1. **China**
2. **Korea**
3. **Brazil**
4. **Russia**
5. **Taiwan**
6. **Mexico**

We have been steadily working to determine which programs need to be conducted in the regions and in these priority countries. These programs and initiatives, along with the outcomes of activities conducted since the beginning of 2006, will be highlighted in detail in each of the regional sections of this report.

The need for a greater partnering with our industry supporters in setting and implementing plans at the local and regional levels has been identified. This is being advanced by forming cooperative relationships

with key industry representatives. These individuals are working closely with the IACLE Executive Board and Regional Councils to identify local and regional needs and helping to drive program implementation.

One of our primary global objectives, as seen to be of high priority in all regions, is the forming of a strong working alliance with institutions and school administration to gain commitment for support of contact lens education. This relationship will ensure that educators are being supported by IACLE through program and resource implementation and by their institutions in growing and strengthening their programs. Work is in progress to survey these institutions to gather information about students' knowledge levels, skills and fitting patterns during their practical training. This information will assist IACLE in developing and implementing future programs to ensure strong practical skills on graduation.

Please note that while in the past IACLE has reported progress and outcomes on a calendar year basis, we have moved to bring this reporting in line with our financial year and therefore will now be presenting our Annual Report from July 1 to June 30 each year. Therefore, to align ourselves with this new reporting period, the following is an 18-month report.

Over the next several years, we look forward to a stronger and more efficient organization that will effectively address the need for more proficient educators who are producing more motivated students, and ultimately more knowledgeable, skilled and confident contact lens practitioners.

Kind regards,



**Deborah Sweeney, PhD**  
IACLE President

## **IACLE's Vision**

*"Contact lens excellence through education"*

## **IACLE's Purpose**

*"IACLE is dedicated to raising the standard of contact lens education and promoting the safe use of contact lenses worldwide."*

## **IACLE's Mission**

*"IACLE aims to increase the number of qualified contact lens educators and improve the quality of contact lens teaching, thereby increasing the number of skilled contact lens practitioners throughout the world and facilitating the use of contact lenses worldwide, in partnership with Industry."*



## Regional Working Groups

This past year we have seen a new and very effective working structure in Latin America with the Regional Council members and Country Representatives. This group met to develop strategies for the region, complete with measures and timelines and have since helped IACLE, the Regional Director and now the new Regional Coordinator to drive program implementation.



Following the 2007 biannual election, this same model will be implemented in the other two regions.

## IACLE OVERVIEW

### IACLE Membership

IACLE Membership is comprised of contact lens educators from all eye care professions, including Optometrists, Ophthalmologists, Opticians, Contactologists and others, and is available at either Full, Associate Educator or Associate Industry levels.

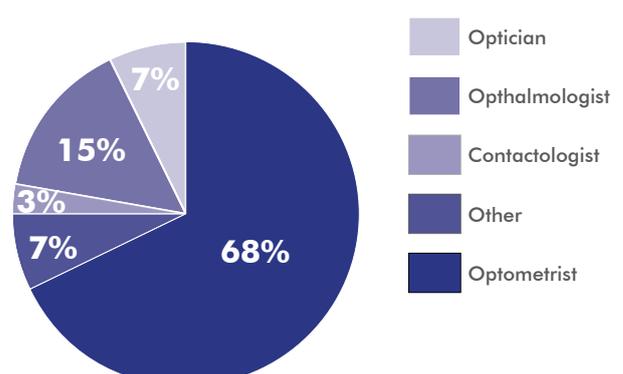
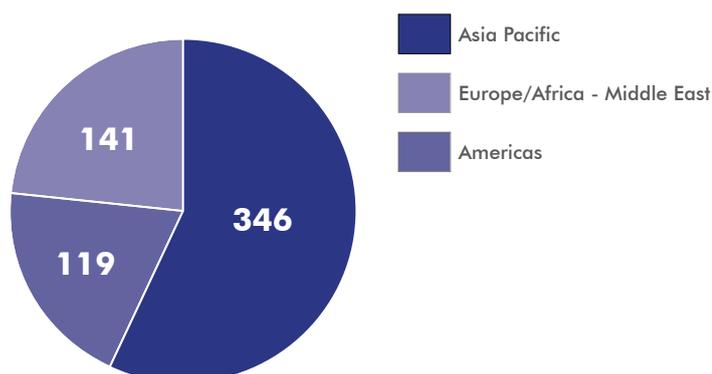
Many of our industry partners have strongly encouraged or made it a requirement for their professional staff to become members of IACLE. To date there are 68 Associate Industry Members, 33 new in this reporting period, and 4 of whom have achieved FIACLE status.

Associate Industry members are invited to attend and participate in IACLE meetings conducted in the region, as well as to participate in the Distance Learning Program, sit for the IACLE Accreditation Examination and apply for Fellow of IACLE (FIACLE) status.

Membership in IACLE continues to grow steadily and today we reach more than 600 members from 338 institutions in 63 Countries worldwide.

In the period 2006-2007 IACLE welcomed 79 New Full Members and 48 Associates Educator/ Industry members.

Company	Asia Pacific	Europe/Africa-Middle East	Americas	Total
Advanced Medical Optics	5			5
Bausch & Lomb	8	4	4	16
CIBA Vision	7	5	2	14
Cooper Vision	2		1	3
Johnson & Johnson Vision Care	6	10	5	21
Menicon		2		2
Other	6		1	7





## Fellows of IACLE (FIACLEs)

Upon successful completion of the Accreditation Exam, IACLE members are eligible to apply for Fellow of IACLE (FIACLE) status.

To coincide with the IACLE Accreditation Examination the FIACLE renewal process is administered every three years. All FIACLE's who wish to retain their FIACLE status must provide examples of their ongoing contribution to IACLE and to raising the standard of Contact Lens Education.

The designation of a FIACLE brings with it a new level of responsibility. FIACLEs are seen as leaders in their field and are recognized for their accomplishments locally, regionally and even globally. This often results in them being called upon to speak at educational meetings, and to develop and present continuing education for practitioners. IACLE relies on these educators to assist our industry partners and other members in their countries/regions to further establish high quality contact lens education.

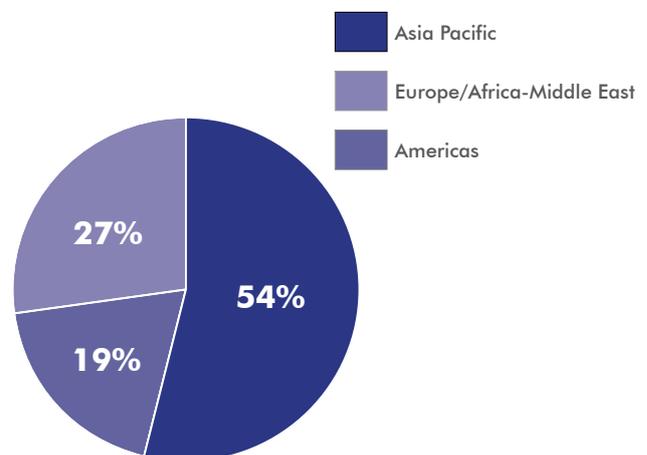
Many success stories can be told by educators who have improved education at their institution as well as assisting others in their regions/country. These initiatives include organizing continuing education programs on a local level as well as publishing articles and becoming involved in regional leadership as an IACLE Regional Council member or volunteer.

One of IACLE's goals and long term performance indicators is to strive for the majority of IACLE members to achieve this high level knowledge and FIACLE status. There are currently 131 Fellows of IACLE (FIACLEs), which represents 22% of the total IACLE membership. Following the 2007 administration of the Accreditation

Exam, we anticipate that this number will once again increase significantly.

IACLE encourages our industry partners to develop relationships with their local FIACLEs for delivery of both generic and product related continuing education to the local practitioners. IACLE will willingly act as a liaison in helping to make these connections.

In the past, IACLE has held several continuing education programs utilizing local FIACLEs. For example, in response to the need for quality practitioner education throughout India, teams of FIACLEs, led by IACLE Asia Pacific Regional Coordinator Lakshmi Shinde, delivered an Advanced Contact Lens Education Program across the country in 2003 and 2004. This successful recipe has been repeated several times since; with the seminars and workshops varied from venue-to-venue and year-to-year, as they were tailored to the needs of the practitioners.





## FIACLE Profiles

Each year IACLE recognizes the outstanding work of FIACLEs within their respective regions by featuring their accomplishments in the IACLE Annual Report. The following FIACLEs were chosen to be highlighted in 2006-2007 (see Appendix A):

### Asia Pacific

Xu Wei  
Jinling Institute of Technology  
China

### Europe Africa/Middle East

Shezhad Naroo  
Ophthalmic Research Group, School of Life and Health  
Sciences, Aston University  
United Kingdom

### Americas

Orlando Neira  
Fundacion Universitaria Del Area Andina-Pereira  
Colombia

## Key Country Representatives

Where a country is not represented by either a national/regional coordinator or regional council member, we have identified and appointed key members to act as Country Representatives.

These key individuals are responsible for keeping us informed of contact lens educational news and activities in their countries and for reporting on opportunities for IACLE's involvement. They will also network with educators and industry representatives and help to identify those individuals who would benefit from IACLE membership.

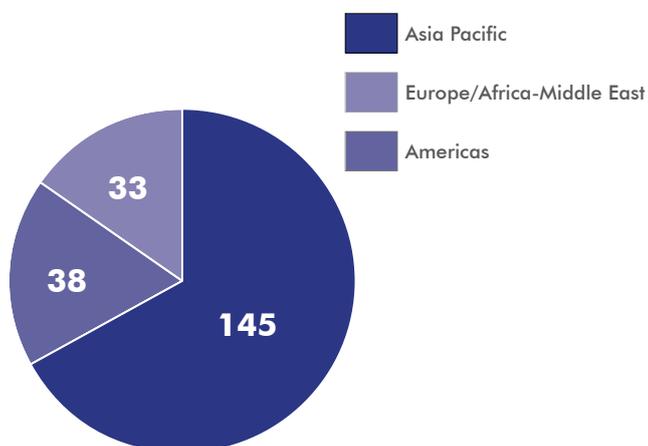
Using knowledge of their national contact lens regulations and educational requirements, Country Representatives will work closely with the regional council to provide input into strategic plans for program and resource implementation at the local level.

## STRATEGIC INITIATIVES

### 2007 Accreditation Examination

The IACLE Accreditation Examination was developed as an instrument for assessing the breadth and depth of the membership's contact lens knowledge. As the Exam is the only readily available means of accrediting contact lens educators internationally, it remains a strategic priority for IACLE.

Held every three years, the Accreditation Examination is open to all Members of IACLE, with the next administration scheduled to take place on 8th October 2007. This year the Examination will be produced in 4 languages (English, Spanish, Chinese and Bahasa), and has 216 members registered in 26 countries.



For IACLE, the exam is used as a valuable diagnostic tool to determine the specific areas of education needing improvement as measured across countries and regions. We use this information to review our programs and to then tailor the focus of educational meetings and resource development as required.

We are investigating the potential for delivering the Accreditation on-line in the future. If this proves to be successful, administering the exam more frequently than every 3 years may be possible – allowing more members to achieve FIACLE status.

### Partnering With Industry

Essential to the continued activities of IACLE, is an understanding by all levels of industry of our mission, our accomplishments, our impact on contact lens education and ultimately the long term effect on the contact lens market. This understanding is critical, as we need a commitment from them to provide on-going support through in-kind and monetary contributions.

The key to securing this support is in communicating the educational needs of contact lens educators and practitioners at the local and regional levels. IACLE has developed marketing tools that will be used to inform our industry sponsors, whether they are at the local, regional or global level, about our current activities and accomplishments, as well as our strategic path for the future.

Programs and resources that have been developed specifically in collaboration with our industry partners are the IACLE Technical Training Program, Industry Seminars and Practitioner Continuing Education Programs.

### IACLE Technical Training Program

The IACLE Technical Training Program is designed for the training and development of industry sales and technical personnel, as well as the optometric or ophthalmic assistants, receptionists or other front line staff in any clinical contact lens practice by providing learners with basic technical knowledge and contact lens terminology.



This educational program is comprised of video segments, narration and graphic screens, and is presented in six chapters (in CD ROM format), each approximately 45 minutes in length:

1. The Eye
2. Introduction to Soft Contact Lenses
3. Soft Contact Lens Fitting
4. Toric Lenses
5. Complications in Contact Lens Wear
6. Soft Contact Lenses for Presbyopia

The initial development of this program was partially funded through a special educational grant from Ocular Sciences Inc. (OSI), and through additional support, the six-unit set was translated into Korean and compiled for use in South Korea. However, the intellectual property and distribution rights of this program belong exclusively to IACLE, and hence a generic version is available for purchase by all IACLE Industry sponsors.

The current generic program can be expanded to include additional topics, such as 'Contact Lens Care and Maintenance' and 'Silicone Hydrogel Lenses for Continuous Wear'.

IACLE is also able to design other interactive teaching tools in this format for any of our industry sponsors, tailored to suit a particular company and its products, or targeted for specific countries (translations possible) and a particular audience. Such self-paced, independent learning tools can significantly reduce the time, effort and costs involved in providing corporate training.

## Industry Seminars

It is essential that graduating practitioners are knowledgeable about the products available to them and are skilled and comfortable fitting lenses and recommending care regimes in a clinical situation. To accomplish this, close interaction between institutions, students and their local contact lens companies is needed. In the past, IACLE has facilitated the organization of Industry Seminars whereby Industry representatives are invited to visit institutions to meet with, and make presentations to the faculty and students.

These meetings are the opportunity for industry to present students with products and promotional material and to discuss market trends. Industry is encouraged to gift each student with a complimentary pair of contact lenses, for the rationale that if a student is comfortable wearing contact lenses, they will have more confidence going into practice fitting contact lenses.

Follow up visits to hold workshops can also be arranged with IACLE members. These hands-on sessions allow the Industry representative to offer the students more in-depth exposure to their products and to further develop their relationship with the institution and the students – next year's practitioners.

Following the strategic planning meeting earlier in 2007, we came to an agreement with our industry partners that while we will continue to encourage this interaction between students and industry, it is the responsibility of the industry representatives to make this contact and maintain these relationships with their future customers.

## Practitioner Continuing Education

While IACLE recognizes the demand for practitioner education as a means of updating practicing contact lens fitters on the latest research findings and product information, practitioners are not IACLE's key stakeholders and as such we have developed and presented these programs only when fully funded through special educational grants.

IACLE currently recommends three tiers of practitioner education:

**Tier 1** CE is designed so that FIACLEs respond to requests for continuing education on a local or regional level by developing and delivering lectures using IACLE resources. The intention is for the FIACLE to work directly with the industry sponsor or conference organizer to negotiate the terms of their arrangement.

**Tier 2** CE is a moderate scale event that is developed and organized by IACLE. Local or regional speakers will be arranged and a session designed that will specifically address the needs of the practitioners in the region or country.

**Tier 3** CE is generally a significantly larger program that is organized, managed and presented by global and regional IACLE staff and executive board members.

IACLE industry sponsors who are interested in conducting Continuing Education Programs should contact the IACLE Secretariat for further information.



## Collaboration with Institutions

Throughout the years, IACLE has provided educators and institutions with educational resources and programs that increase their contact lens knowledge levels and help them design curricula as well as improve teaching methods. We are now asking that member institutions show their commitment and support of contact lens education.

The goal of this program is to encourage cooperation and collaborative efforts between educators, educational institutions and IACLE to improve the level of activities and educational/clinical infrastructure at selected institutions.

The institutions will be asked to show their support by:

- Encouraging educators to become IACLE members and to actively participate in all programs, including the Accreditation Exam and hence achieving FIACLE status
- Endorsing the use of the IACLE Contact Lens Course with educators to enhance the contact lens curriculum used at the institution
- Adopting the IACLE Contact Lens Course Modules as a student textbook
- Conducting Student Trial Exams for the final year students (institutions to cover the expenses, OR in certain countries the local Industry to sponsor)
- Providing computers, slit lamps, clinical instrumentation and equipment for practical training
- Covering educator travel expenses to attend IACLE educational and international meetings
- Making data available to IACLE on their clinic activities and contact lens fitting, modalities, type of lenses, etc
- Providing space for IACLE Resource Centers so that all faculty members and students have access to resources

- In partnership with IACLE and our Industry Sponsors, host continuing education programs for practitioners

The relationship between IACLE and the institution will be evaluated and the level of commitment from both parties determined. At that time, a 'Certificate of Affiliation' will be presented by IACLE to the head of the institution.

To secure this level of commitment from the institutions, it is essential that the heads of institutions are identified and an open line of communication established. Our industry sponsors have been working with us to identify and rank priority institutions and we are in the process of developing a marketing package, which will then be presented to these schools.



**Continuous support of educators is fundamental in ensuring that a high standard of contact lens knowledge is met, maintained and upgraded regularly.**

## Distance Learning Program

The DLP provides educators with an independent and systematic approach to studying the IACLE Contact Lens Course. After working through a particular section of the Course, participants are expected to complete assignments and submit these to an IACLE Coordinator for evaluation and feedback.

The DLP has been converted into a multiple-choice question (MCQ) format. This new format allows more members to participate in the program and provides practice in answering MCQs – the format of the IACLE Accreditation Exam.

The 4 phases of the DLP are based on specific modules of the IACLE Contact Lens Course and consist of 5 assignments each:

- Phase 1: Modules 1 to 3
- Phase 2: Module 3
- Phase 3: Module 6 and 7
- Phase 4: Module 8, 9 and 10.

All phases are now available in English, Spanish, Simplified Chinese and Bahasa.

There are currently 167 members participating in the DLP globally, having completed the following Phases:

- Phase 1: 108
- Phase 2: 50
- Phase 3: 24
- Phase 4: 14

A survey has been developed and distributed to DLP participants to gauge their opinion on Phases 1 and 2 of the DLP, and to assess their access to and usage of the Internet to determine the feasibility of making the program web-based.

## Educational Meetings & Fellowships

Continuous support of educators is fundamental in ensuring that a high standard of contact lens knowledge is met, maintained and upgraded regularly.



IACLE members are given the opportunity to improve their knowledge levels and teaching skills by participating in IACLE Educational Meetings and Fellowships.

### Educational Meetings

The following meetings were held in 2006-2007:

#### Asia Pacific

Asia Pacific Regional Meeting, India  
IACLE Update, 6th COOC Meeting, China  
Reverse Fellowship, Indonesia  
AIOS Meeting, India

#### Europe/Africa-Middle East

1st International Congress, Czech Republic  
Optometry & Contactology Meeting, Spain  
Global Symposium on Vision Correction, Greece  
British Contact Lens Association Annual Meeting, United Kingdom  
World Conference on Optometry Education, Italy  
European Council of Optometry and Optics, Croatia

#### Americas

Latin America Congress in Optometry, Peru  
4th Optometry congress, Argentina  
Specialization on Anterior Segment and Contact Lenses, Colombia

Details of these meetings are highlighted in the regional sections of this report.

## Delivery Of Effective Teaching

IACLE has developed high quality and effective resources for the delivery of contact lens education. However, many educators still need guidance as to how to use these resources for effective teaching. Concurrently with new resource development, IACLE will allocate time and resources in providing this level of instruction to our members.

The need to incorporate practical and clinical experience for students into the curricula of institutions has been identified as a priority for IACLE. Even though many institutions do not currently have clinic facilities, practical components can be developed and implemented.

### IACLE Contact Lens Course (ICLC)

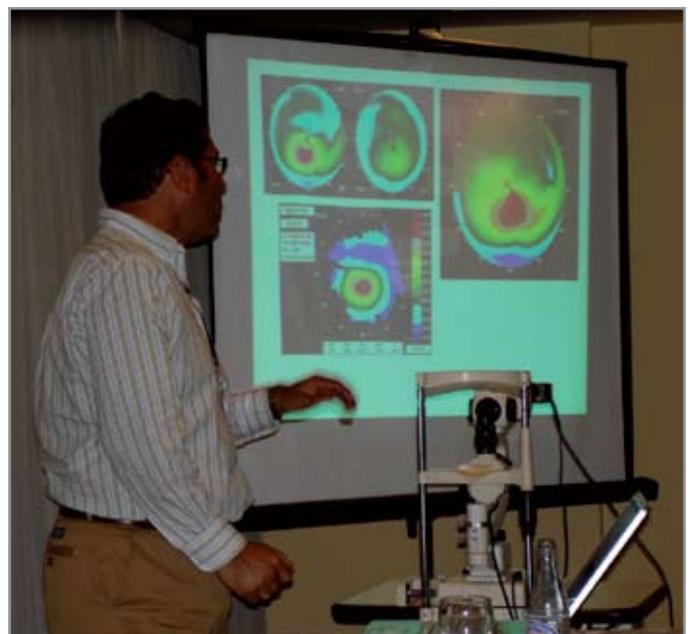
The ICLC is packaged to provide lectures (text, diagram and/or picture slides and related notes), practical sessions (discussion topics and exercises), and tutorials (quizzes and reading materials).

Course Topics	
1.	Anterior Segment of the Eye
2.	Introduction to Contact Lenses
3.	Contact Lens Fitting
4.	Examination Procedures for Contact Lens Patients
5.	Care and Maintenance
6.	The Cornea in Contact Lens Wear
7.	Contact Lens Related Ocular Complications
8.	Special Contact Lens Fitting
9.	Special Topics
10.	Business Aspects of Contact Lens Practice

Now available only in CD-ROM format, educators and students have access to a PDF of the full-text module, as well as colour images and slides, which provide excellent visual representations that can be included in lectures and will enhance the learning experience.

With all 10 modules now available in English, work is nearing completion on translation of the Course into Spanish, Simplified and Traditional Chinese and Bahasa, with selected units and slides in French, Italian, German and Portuguese.

In 2006-2007 there were 271 sets purchased by members and others world wide. IACLE continues to provide each active Resource Center with a free full set of the Course in printed and CD format.





## IACLE Resource Centers

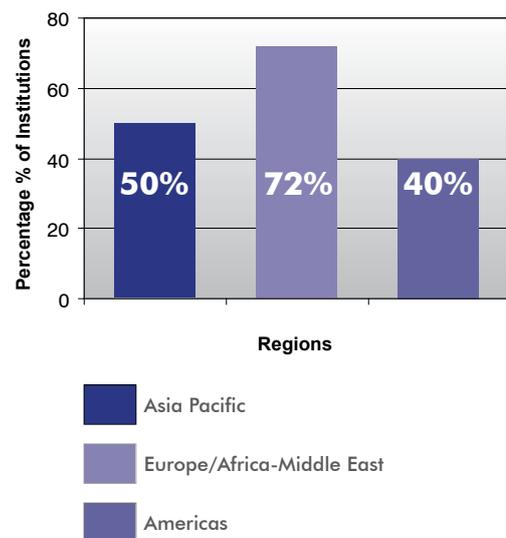
IACLE Resource Centers are established and operated as a small library or reference center of contact lens-related educational resources, making resources such as the IACLE Contact Lens Course accessible, not only to IACLE members, but also to fellow educators and students.

Educational materials distributed to Resources Centers may (depending on availability) include:

- The IACLE Contact Lens Course Set
- The CCLRU/LVPEI Guide to Corneal Infiltrative Conditions
- The CCLRU/LVPEI CD ROM to Corneal Infiltrative Conditions
- The Cornea & Contact Lens Unit (CCLRU) Grading Scales Poster
- Differential Diagnosis CCLRU/LVPEI Guide
- IACLE Technical Training Program CD-ROM Set
- The Contact Lens Series Volume 1 CD-ROM
- Teaching Aid for Slit Lamp Illumination Techniques
- Essential Contact Lens Practice book
- The Total Toric Guide CD ROM
- The "CLMA-RGPLI Gas Permeable Educational" Kit
- Fitting RGP Lenses CD-ROM
- The Ortho-K DVD Program
- IACLE Selected Slide Set CD-ROM
- AOCLE Image Collection CD-ROM
- IACLE Video Library DVD

Currently IACLE has 183 recognized Resource Centers in 63 countries around the world.

Breakdown of established Resource Centers across the regions:



In 2006-2007, excluding the IACLE Contact Lens Course, 278 educational resources were provided to Resource Centers.

## Developing New Educational Resources

IACLE members are always searching for new resources that will help them to increase their own contact lens knowledge levels and aid them in developing and delivering contact lens education to their students.



With the English version of the IACLE Contact Lens Course now complete, we are turning our attention to developing interactive resources, including case studies and problem based learning materials, with appropriate video segments.

Over the past year, IACLE has moved several of the IACLE Video Collection and all of the IACLE Image Collection to CD ROM format. These, along with the donated images from the AOCLE members, were distributed to IACLE Resource Centers. Most recently, we are moving to edit the IACLE Contact Lens Course and now that the Course is complete in English, change from a 10 CD set to a single DVD. As well, with increased access and usage of the Internet by our members, we are investigating more interactive and web-based options for the delivery of these resources.

## Student Trial Exams

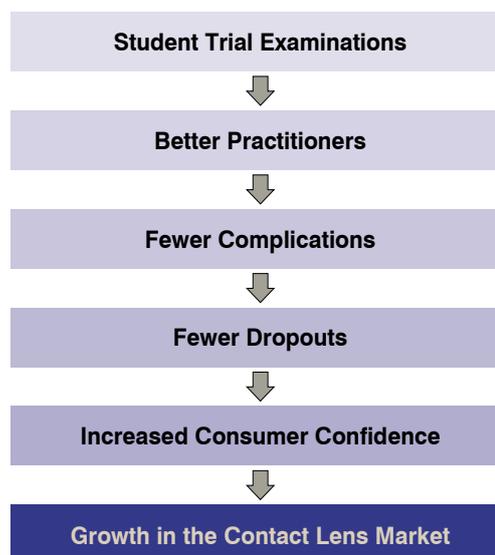
The IACLE Student Trial Exam (STE) program continues to be a strategic initiative for IACLE. However, the program will now be held only if the direct costs of administering the exam are covered by either by the institutions themselves, or through sponsorship from local and/or regional industry.

The STE is a valuable educational tool, assisting both students and educators to identify areas of need. Therefore, IACLE suggests that educators conduct the Student Trial Exam shortly before their students' final

contact lens exam. This gives them the opportunity to reinforce their own areas of proficiency while at the same time identify those areas that require more effort.

The exam is set at a standard or knowledge level suitable for final year students or newly qualifying graduates, and consists of 100 Multiple Choice Questions (MCQs). Thirty of these questions require the student to recognize/identify a certain type of lens fit or eye condition shown in a colour photograph.

IACLE believes that the stronger knowledge levels in students, will contribute to the reduction of contact lens-related complications, consequently leading to fewer patient dropouts. This will ultimately increase the popularity of, and consumer confidence in, contact lenses as a form of vision correction.



Since its introduction 2001, the Student Trial Exams have been conducted in 27 countries across the globe, reaching over 9601 students. The exam is currently available in six languages: English, Simplified Chinese, Indonesian, Spanish, German and Korean.

**The idea of Centers of Excellence was introduced many years ago as a way of identifying one or two institutions in a country and providing them with resources and support to bring them to a higher level of activity and knowledge.**

## **Institutional Demographics Database**

To gain knowledge about the level of contact lens activity in institutions and the market place, IACLE will be conducting a situational analysis in priority countries to develop the Institutional Demographics Database.

Information collected will focus on the practical experience of students, including such things as:

- how many wear contact lenses
- how many patients or colleagues they have fitted with contact lenses
- which lenses and solutions are available in the clinic
- what wearing modality and care regimes are recommended
- which contact lens manufacturing companies they have regular contact with
- where their students practice after graduation (i.e. hospitals, academia, optical shops, industry, etc)
- which institutions have developed and delivered continuing education for practitioners

The information gathered will assist IACLE at the local level to identify areas of need and work with the institution, and where appropriate the local offices of our industry representatives, to ensure that students are receiving adequate practical training prior to graduation.

## **Centers Of Excellence**

The idea of Centers of Excellence was introduced many years ago as a way of identifying one or two institutions in a country and providing them with resources and support to bring them to a higher level of activity and knowledge.

Criteria for an institution to be considered a "Center of Excellence" are as follows:

1. Following the IACLE curriculum
2. Good teaching standards
3. Research programs
4. Adequate patient volume

While this has been identified as a strategic initiative for IACLE, it is not a priority for 2007 and thus we will be focusing further attention and resources to Centers of Excellence in 2008 and beyond.





## **REGIONAL ACTIVITIES**

# ASIA PACIFIC REGIONAL REPORT



Regional  
Coordinator  
Lakshmi Shinde  
India



Assistant  
Regional  
Coordinator  
Cheni Lee  
Indonesia



National  
Coordinator  
Qu Xiaomei  
Shanghai, China



National  
Coordinator  
Wang Haiying  
Tianjin, China

## Asia Pacific Priority Countries

1. **China**
2. **South Korea**
3. **Taiwan**
4. **India**

## REGIONAL PRIORITIZATION OF STRATEGIC INITIATIVES

<b>Priority 1</b>	Developing new Educational Resources
	Distance Learning Program
	Partnering with Industry
	Collaboration with Institutions
<b>Priority 2</b>	Institutional Demographics Database
	Educational Meetings & Fellowships
	Delivery of Effective Teaching
<b>Priority 3</b>	Student Trial Exam
	Centers of Excellence
	2007 Accreditation Examination

## ASIA PACIFIC REGIONAL REPORT

### REGIONAL STATISTICS JANUARY 2006 – JUNE 2007

Country	Full Members	Institutions	Associate Educator Members	Associate Industry Members	FIACLEs	Resource Centers
Australia	12	5	1	2	3	4
China	74	35	1	5	11	21
Hong Kong	4	1		2	1	1
India	63	38	12	16	20	34
Indonesia	38	13	23		14	11
Japan	1	1				
Malaysia	3	1			1	1
Nepal	3	3			1	1
New Zealand	1	1	1			
Pakistan	17	6			3	2
Philippines	21	9	2	1	7	3
Singapore	4	1			2	1
South Korea	15	12	1	2	6	10
Sri Lanka	2	2				1
Taiwan	3	3	2	4	1	3
Thailand				1		
<b>TOTALS</b>	<b>261</b>	<b>131</b>	<b>43</b>	<b>33</b>	<b>70</b>	<b>93</b>

## 2007-2008 REGIONAL GOALS AND MEASURES

Following the Global Strategic Planning meeting, the following goals and measures were established for the Asia Pacific region:

Goal	Measure	Outcomes
<b>Closer working relationship with institutions</b>	<ul style="list-style-type: none"> <li>• Collaboration with Institutions program initiated at institutions in the following countries: China: 12 Taiwan: 1 South Korea: 7 India: 10 Singapore: 1 Malaysia: 1 Indonesia: 3 Philippines: 3 Pakistan: 3</li> <li>• Using results from STEs as a guideline for school selection, IACLE curriculum implemented in 3 priority institutions in India and 6 priority institutions in China by March 2008</li> <li>• Collect clinical demographics data through surveys</li> </ul>	<ul style="list-style-type: none"> <li>• Implementation of Collaboration with Institutions program will begin in December 2007 in China, India and South Korea</li> <li>• Clinical Demographics survey to be distributed in November 2007</li> </ul>
<b>Educational Programs and Resources</b>	<ul style="list-style-type: none"> <li>• Standard clinical assessment procedures developed and implemented in priority institutions</li> <li>• Reverse fellowship program at 3 institutions in China</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical assessment procedures to be developed and implemented in 2008</li> <li>• Working with Industry partners to identify target schools in China for reverse fellowship program - to be organized for first quarter in 2008</li> </ul>
<b>Increased interaction with Industry</b>	<ul style="list-style-type: none"> <li>• Sponsorship of STEs in priority institutions.</li> <li>• 10% increase in associate industry membership to 29</li> <li>• 20 Associate Industry members eligible to be FIACLEs</li> </ul>	<ul style="list-style-type: none"> <li>• Sponsorship of STEs secured in India for 10 institutions in 2007</li> <li>• Associate Industry members increased to 33 by mid 2007</li> <li>• 18 Associate Industry members registered for 2007 Accreditation Exam and potentially eligible for FIACLE status</li> </ul>

## REGIONAL ACTIVITIES – REPORTED BY STRATEGIC INITIATIVE JANUARY 2006 – JUNE 2007

### Expansion of IACLE into China

Due to the strong relationships that IACLE's National Coordinator Qu Xiaomei has with both members and local industry representatives, we have seen not only an increase in our membership over the past several years, but also an increase in activity.

IACLE programs such as the five Intensive Training Programs held since 2001 have resulted in more knowledgeable and skilled contact lens educators who are confident in providing contact lens education to their students and practitioners. Translation of resources such as the IACLE Contact Lens Course and IACLE programs such as the Distance Learning Program, Student Trial Exams and Accreditation Examination has also greatly contributed to this increase in knowledge and confidence.

China continues to be a priority country for both IACLE and our industry supporters. Therefore, in August 2007, a second IACLE China office was opened at Tianjin Professional College. Two new part-time staff members joined the IACLE Team: Wang Haiying as China National Coordinator, and Wang Cuiying as Administrator. This move has been made possible by the generous support of the President of Tianjin Professional College, Professor Dong Gang, who has provided office space and furniture.



### Distance Learning Program (DLP)

Following completion of all four phases of the DLP into Multiple Choice Question (MCQ) format, we moved very quickly to provide this valuable program in both Chinese and Bahasa. This was essential as the DLP is the primary program that is used to prepare members to write the Accreditation Examination – scheduled for October 2007.

Country	# of Participants
Australia	1
China	40
Hong Kong	1
India	34
Indonesia	28
Pakistan	11
Philippines	3
Singapore	3
South Korea	7
Taiwan	4
Thailand	1
<b>TOTAL</b>	<b>133</b>

There are currently 167 DLP participants world wide, 133 of them from the Asia Pacific region.

Of these 133 AP participants, 88 or 67% are registered to write the 2007 Accreditation Exam.

To gauge the opinion of DLP participants about Phases 1 and 2 (released in 2006), a survey was developed and distributed and is currently being collected and results collated. As we hope to move to more web based delivery of programs, we are also asking participants to provide information about their access to and usage of the Internet.

## Partnering with Industry

Regional Coordinators Lakshmi Shinde and Cheni Lee, as well as our China National Coordinator Qu Xiaomei have regular and ongoing communication with our industry sponsors at the local and regional levels. It is essential that these discussions happen regularly so that IACLE is aware of the changing priorities of our industry sponsors and in turn for them to understand how IACLE can work in partnership with them to raise the skill levels of educators and ultimately practitioners.

- At the Mumbai World Contact Lens Society Conference in April of 2006, Lakshmi Shinde met with the regional representatives of AMO, CIBA Vision, CooperVision and Johnson & Johnson Vision Care and discussed activities and priorities for the region.
- With the changes in how we are able to administrate Student Trial Exams in the future, Bausch & Lomb has offered to subsidize the administration costs for 10 schools in India. We are encouraging all industry sponsors to identify institutions in their local markets who would benefit from this program, but who may not be able to meet these costs themselves.
- In China, our National coordinator Qu Xiaomei is regularly invited to lecture on behalf of industry sponsors, AMO, Bausch & Lomb, and Johnson & Johnson Vision Care Inc. on such topics as contact lens use in clinics, contact lens solutions, disposable contact lenses, soft toric lenses, etc.
- Johnson and Johnson Vision Care Inc is using slides from the modules of the IACLE Contact Lens Course to develop and deliver training at their Vision Care Institution in China. They regularly invite IACLE members and FIACLEs to deliver lectures to their participants.

Company	Associate Industry Members	DLP Participants	Accreditation Exam Registrants
AMO	5	1	3
Bausch & Lomb	7	1	5
CIBA Vision	7	6	5
Cooper Vision	2		
Johnson & Johnson Vision Care	6	3	3
Other	6		
<b>TOTAL</b>	<b>33</b>	<b>11</b>	<b>16</b>

## ASIA PACIFIC REGIONAL REPORT

### FIACLE and Member Activity

At present there are 70 FIACLEs in the Asia Pacific Region, including 13 which have been approved since the beginning of 2006.

Country	Full Members	Associate Educator Members	Associate Industry Members
Australia	3		
China	10	1	
Hong Kong	1		
India	16	3	1
Indonesia	6	8	
Malaysia	1		
Nepal	1		
Pakistan	3		
Philippines	6	1	
Singapore	2		
South Korea	5		1
Taiwan	1		
<b>TOTALS</b>	<b>55</b>	<b>13</b>	<b>2</b>

Many of these FIACLEs are actively involved in advancing contact lens education and awareness in the region.

One example is a team of FIACLEs who worked together to prepare Multiple Choice Questions (MCQs) for the Asia Pacific MCQ Database. A schedule of topics and the corresponding modules was prepared and each FIACLE, following the NBEO guidelines, submitted at least 10 questions. These FIACLEs were encouraged to communicate with each other so that questions were not duplicated. All members are encouraged to submit questions to the Asia Pacific MCQ Database. Those that contribute questions will receive a copy of the entire database for use in their programs.

Our Asia Pacific Regional Coordinator has been actively invited to attend meetings that are sponsored by national and regional associations, as well as by our industry sponsors. For example, Bausch & Lomb invited Lakshmi Shinde to present at one of their practitioner meetings on the importance of care and maintenance of soft contact lenses. Lakshmi has also recently written an article in a local journal regarding the importance of disinfection of contact lenses.

At the Mumbai World Contact Lens Society Conference, Lakshmi Shinde was among the panel of judges who selected the best student poster and paper presentation. She then presented the top two students with a free set of IACLE CDs.

In May of 2007, the First Philippine Symposium on Contact Lens Care was held in for 200 Optometrists in Manila with 4 FIACLEs (Antonio Joson Jr, Elena Borrromeo, Maria Concepcion Anda and Carmen Dischoso) actively participating as speakers. Lecture topics included:

- Contact lens induced ocular complications
- The healthiest contact lens modality
- Building a successful contact lens practice
- US FDA regulation on contact lenses and solution
- Current trends in lens care

The meeting was sponsored by Johnson and Johnson Vision Care and Alcon Laboratories.

In November 2006, a meeting organized by the Optometry Association was held at EENT Hopsital of Fudan University in Shanghai. More than 120 people from optical shops, optical companies and hospitals attended the meeting. As one of the topics on the program was the progress and process of lens care, China National Coordinator Qu Xiaomei invited all contact lens companies to participate in this discussion, which she led with representatives from Alcon.

In January 2007, Alcon and CooperVision held a half day of continuing education in Hangzhou, for more than 100 practitioners. FIACLE and China National Coordinator, Qu Xiao Mei was invited by Alcon to give a lecture on contact lens clinic use.

Later this year in May, 16 IACLE members in China were invited to attend a discussion meeting that was supported by AMO.

### Product Information Days

While Product Information Days are no longer part of IACLE's strategic initiatives, we still encourage Industry and Institutions to make connections and provide students with the latest information about the products available to them in their local markets. However, up until this year, these seminars and workshops were facilitated by IACLE and throughout 2006, they were held at 21 institutions throughout the Asia Pacific region for 973 students.



Representatives from Alcon, AMO, Bausch & Lomb, CIBA Vision, CooperVision, and Johnson & Johnson Vision Care, Inc. attended these programs to make presentations to the students and faculty.

Institution	Country	IACLE Sponsor(s)
<b>2006 Seminars</b>		
A.I.I.M.S	India	B&L, AMO, J&J
College of Optometry & Ophthalmic Sciences	India	B&L, AMO
Elite School of Optometry	India	AMO
Elite School of Optometry	India	B&L
SNDT	India	J&J, AMO
Manipal College of Allied Health Science	India	AMO
Lotus College of Optometry	India	J&J, CIBA, AMO
Bharati Vidyapeeth School of Optometry	India	AMO, B&L, J&J
Government Medical College	India	AMO, B&L
ARO Medan	Indonesia	J&J
ARO Leprindo	Indonesia	J&J
CEU College of Optometry	Philippines	CIBA
CEU College of Optometry	Philippines	Alcon
Seoul National University of Technology	South Korea	Alcon, AMO, J&J, Cooper
Konyang University	South Korea	Alcon
Seoul Health College	South Korea	B&L, AMO, Cooper, J&J
Konyang University	South Korea	Alcon, AMO, B&L, CIBA
Masan College	South Korea	Alcon, B&L, CIBA, Cooper, J&J
Daebul University	South Korea	Alcon, B&L, CIBA, J&J

Table continued on the next page

## ASIA PACIFIC REGIONAL REPORT

Institution	Country	IACLE Sponsor(s)
<b>2007 Seminars</b>		
Cebu Doctors University	Philippines	Local industry(Vista Scientific)
South Western University	Philippines	Local industry (Vista Scientific)
SNDT	India	J&J, B&L and AMO
Manipal College of Allied Health Sciences	India	B&L, AMO
Seoul National University of Technology	South Korea	Alcon, Ocular Sciences, B&L, CIBA, J&J
Akademi Refraksi Optisi Surabaya	Indonesia	J&J
Akademi Refraksi Optisi Binalita Medan	Indonesia	J&J
Akademi Refraksi Optisi Leprindo	Indonesia	J&J
Zhengzhou	China	B&L

We encourage our industry sponsors to gift the students with complimentary contact lenses so that they themselves become comfortable wearing and caring for lenses. Our industry sponsors in the Asia Pacific region have been very generous in supplying these lenses to students with a refractive error.

Comments from members and students:

*"It was very interesting and educative where the students can know more about the CL products of different companies"*

*"IACLE Product Information Day is an ideal platform for the students - industry interaction"*

*"Lectures were good and informative. They made the concepts quite clear"*

## Collaboration with Institutions

### Institutional Visits

Institutional visits offer an excellent opportunity for our coordinators to meet with educators, tour the IACLE Resource Center, assess the institutions' contact lens courses, and conduct IACLE programs. Since the beginning of 2006, Asia Pacific regional and national coordinators visited ten schools throughout the region.

Country	Institution
China	Beijing Polytechnical University Shenyang Medical University DongHua University Jinling Institute of Technology
India	Lotus College of Optometry L.V. Prasad Eye Institute Bausch & Lomb School of Optometry
Indonesia	ARO Medan
	ARO Kader Bangsa
	ARO Widya Husada
	ARO Padang

During her visit to Jinling Institute of Technology in April 2007, China National Coordinator Qu Xioamei toured their contact lens laboratories and library. She spent time with the educators and students discussing how they use their IACLE resources to teach, and whether they found them to be useful. She found that they were using the IACLE Contact Lens Course as a reference only and were not incorporating the slides into their lectures. This is an area where we need to work with the educators to teach them how to effectively use these resources. Where they felt they needed further support is through improvements in their laboratory equipment. Under the new Collaborating with Institutions program, these types of issues will be addressed with the heads of the institutions.

In India, Regional Coordinator Lakshmi Shinde attended a session at Lotus School of Optometry as they were starting a masters program in optometry and she was asked to provide her input into the curriculum structure for this program. While she provided her input, she also took away some valuable information from this meeting. For instance, evaluation of educators in this program is done by the students who rate them on such things as presentation skills, their interest in the topic, adequate coverage of the topic, etc. While this is type of feedback if standard in other regions, it is not always the case in all Asia Pacific countries. Therefore, this method of evaluation has been discussed with educators from other IACLE members and institutions throughout India, and will be shared with institutions in China and South Korea.

In Indonesia, school visits are used to meet with educators and discuss any questions they have regarding their curricula, tour the resource centers and evaluate how they are being used by educators and students, as well as to conduct student trial exams.

## Growth in Membership

There are currently 338 members in the Asia Pacific Region – 33 of them Associate Industry members. All membership levels throughout the region continue to grow and since the beginning of 2006 there have been 68 new members approved in the Asia Pacific region alone:

Country	# of New Members
China	4
India	25
Indonesia	11
Hong Kong	1
Nepal	2
Pakistan	1
Philippines	10
Singapore	3
South Korea	3
Sri Lanka	3
Taiwan	4
Thailand	1

While it is encouraging to see our membership grow, we also need to reduce the number of members who become inactive and do not renew their IACLE membership.

## Institutional Demographics Database

With input from the IACLE Executive, staff and key Industry partners, Asia Pacific Regional Coordinators Lakshmi Shinde and Cheni Lee have developed an Institutional Demographics survey that will be distributed in November 2007 to targeted institutions in our global priority countries.

# ASIA PACIFIC REGIONAL REPORT

## Educational Meetings and Fellowships

### Asia Pacific Regional Meeting – India

A regional educator meeting was held at the L.V. Prasad Eye Institute in Hyderabad, India and was attended by a total of 97 delegates, including active educators and country representatives from India, China, South Korea, Indonesia, Philippines, Malaysia, Singapore, Pakistan, the United Kingdom, Netherlands and the USA, as well as members from the IACLE Executive Board, Asia Pacific and European regional council members, staff and industry representatives.

Country/Industry/Staff	# of Attendees
China	6
India	25
Indonesia	2
Malaysia	1
Pakistan	2
Philippines	5
Singapore	1
South Korea	5
<b>Sub Total Asia Pacific</b>	<b>47</b>
Europe	4
USA	1
LVP Staff	15
Industry Sponsors	20
IACLE Executive & Staff	10
<b>Sub Total Other</b>	<b>50</b>
<b>TOTAL</b>	<b>97</b>

The meeting included the presentation of lectures and workshops on a variety of topics including instrumentation, microbiology and specialty contact lens fitting, as well as the identification and management of complications. Focus was also on how to use IACLE



resources, the development of curricula in schools and student assessment.

In addition to the teaching component of the meeting, time was spent speaking with members about education and the contact lens markets in their countries. These discussions were designed to help IACLE to identify local and regional needs and recognize which programs need to be reviewed and tailored accordingly.

IACLE took the opportunity of having so many of our Asian members together to hold our Annual General Meeting to discuss the organisation's business and present our financial statements.

Comments from members:

*"We would like to hear more about case discussions & problem solving emphasis in future meetings, thanks to IACLE for giving us an opportunity to attend this informative meet and help us climb up the learning curve"*

*"As of the moment IACLE is doing a good job. It's the duty of the IACLE members and FIACLE to be more active in their country"*

The meeting concluded with the IACLE Executive and regional councils members, along with staff, country representatives and key members, meeting with Industry to discuss activities and map out strategies for the region and globally.

### IACLE Update – COOC Meeting, China

In conjunction with the 6th China Ophthalmology and Optometry Conference (COOC) meeting in China, on 17th April 2006, IACLE provided an Update during a special symposium on eye health and contact lenses. Sponsored by Bausch & Lomb, the symposium was attended by more than 30 delegates who are involved in contact lens teaching or practice and we had the opportunity to introduce them to IACLE activities throughout the world and specifically in China.

### Reverse Educator Fellowship - Indonesia

A Reverse Educator Fellowship was conducted in Indonesia at ARO Medan from 17th – 20th April 2006 for six IACLE Members.

Using the results from the last Accreditation Exam as well as previously held Student Trial Exams, the program was tailored to focus on areas that had been



identified as needing further emphasis. The four day training program included lectures, discussion sessions, videos and hands-on workshops, and covered a variety of topics:

- Lecture topics:
  - Corneal oxygenation and ocular response to contact lens wear
  - Routine procedures for preliminary contact lens examinations
  - Slit lamp biomicroscopy
  - Spherical Soft contact lens fitting
  - Toric Soft Contact Lens Fitting
  - Spherical RGP lens fitting
  - Contact lens care and maintenance
  - SCL complications & management
  - RGP complications & management
  - Overview of Orthokeratology
- Workshop topics
  - Keratometry; Routine Procedures for Preliminary Contact Lens Examination
  - Slit Lamp Biomicroscopy Procedures
  - Spherical Soft and Toric Contact Lens Fitting and Assessment
  - Spherical RGP Contact Lens Fitting and Assessment

Knowledge evaluations conducted both prior to and following the fellowship showed a 29% increase in knowledge gained.

ARO Medan is located on the Northern Sumatra Island and due to its remote location it is difficult to get industry representatives to visit the school. However, Johnson & Johnson Vision Care, Inc. agreed to visit the school in conjunction with the fellowship program and to present an IACLE Industry Seminar. This was the first time in 14 years that a product information seminar was held at this institution.

Comments from members:

*“The IACLE workbook is marvelous, and we hope to use this as our practical workbook since we don’t have any CL workbook before.”*

*“Thank you IACLE for this opportunity to be able to participate in this interactive program. The focus of this program is good. I have been teaching practical for quite some time so the lectures in this program are meaningful to me. The lectures presentation becomes even effective with the movies inserted in the slides. It helps us to visualize and understand better.”*

IACLE will be using the very successful Reverse Educator Fellowship model developed in Indonesia to build programs in our priority countries. For example, there are plans to hold 3 of these programs in China throughout 2008.

### AIOS Meeting – Hyderabad, India

Regional Coordinator Lakshmi Shinde attended the All India Ophthalmological Society (AIOS) Meeting in Hyderabad, India on 3rd February 2007. Her attendance was in follow up to the AP regional meeting held and an initiative to provide ophthalmologists with detailed information about IACLE, our programs and our resources. The ophthalmologists present at the meeting were all non-members and the aim was to create awareness about IACLE in all the ophthalmology residency programs.



# ASIA PACIFIC REGIONAL REPORT

## Delivery of Effective Teaching

It is important that educators and students have access to high quality resources in their native language. Unfortunately, we have found that these are not always available. Therefore, we have been steadily working over the years to translate the IACLE Contact Lens Course into languages such as Simplified and Traditional Chinese, as well as Bahasa.

With completion of the Course in English last year, translation of Modules 7 is complete and both the printed and CD versions are in production. Module 8, the final in the 10-module set, is in various stages of translation and it is anticipated that these modules will be available in Chinese and Bahasa early in 2008.

All available IACLE resources have been distributed to Resource Centers throughout the region, including Module 8, and 3 new resources that were presented to 51 of the IACLE members who attended the Asia Pacific Regional Meeting in August of 2006. Students are slowly starting to purchase copies of the CD set of modules, with 21 sets being sold since the beginning of 2006.

## Student Trial Exams

Student Trial Exams have proven to be very popular throughout the Asia Pacific region. Our coordinators have worked closely with the institutions to use the results of these exams to make changes to their curricula that will result in improved knowledge levels of their students.

The exam is available in English, Simplified Chinese, Bahasa and Korean. Throughout this reporting period, 53 Student Trial Exams were held for more than 1900 students.



2006 Exams	Country	# of Students
Beijing Polytechnical University	China	25
Changzhou Health School	China	58
China Medical University	China	23
Guangzhou Zhongshan Ophthalmology Center	China	32
Jin Ling Institute	China	74
Shenyang Medical University	China	266
Tian Jin Professional College	China	39
TianJin Medical University	China	37
West China Medical university	China	9
All India Institute of Medical Sciences, AIIMS	India	6
Bausch & Lomb School of Optometry, Kismat pur Hyderabad	India	15
Bharati Vidyapeeth Deemed College of Optometry	India	32
Elite School of Optometry	India	26
Government Medical College and Hospital	India	4
Government Ophthalmic Hospital	India	28
L.V Prasad Eye Institute	India	11
Lotus College of Optometry	India	27
Manipal Allied College of Health Sciences	India	9
Nasik College of Optometry & Ophthalmic Sciences	India	32
Pailan College of Management and Technology	India	9
SNDT, Premlila Vithaldas Polytechnic	India	25
Sri Sankaradeva Nethralaya	India	10
ARO Binalita Medan	Indonesia	24
ARO Gapopin	Indonesia	53
ARO Kader Bangasa	Indonesia	14
ARO Leprindo	Indonesia	42
ARO Padang	Indonesia	17
ARO Widaya Husada	Indonesia	43
Al-Shifa Trust Eye Hospital	Pakistan	15
Chodang University	South Korea	39
Daebul University	South Korea	30
Daejeon Health Sciences College	South Korea	69
Dong Kang University	South Korea	61
Konyang University	South Korea	14
Kwangju Health College	South Korea	65
Masan College	South Korea	43

Table continued on the next page

## ASIA PACIFIC REGIONAL REPORT

Seoul Health College	South Korea	89
Seoul National University of Technology	South Korea	30
YeoJoo Institute of Technology	South Korea	20
<b>2007 Exams to June 30th</b>	<b>Country</b>	<b># of Students</b>
Wen Zhou Medical College	China	60
Aditya Jyot Institute	India	36
AIIMS	India	7
Bausch & Lomb School of Optometry	India	19
Bharati Vidyapeeth School	India	60
College of Optometry & Ophthalmic Sciences	India	23
Elite School of Optometry	India	54
Government Medical College	India	3
K.K Institute of Paramedical Sciences	India	36
Nagar School of Optometry	India	27
Sri Sankaradeva Nethralaya	India	9
Manipal College of Allied Health Sciences	India	7
Singapore Polytechnic	Singapore	39

In follow up to our strategic planning meeting earlier this year, we will no longer be able to fully cover the costs of administrating the Student Trial Exams globally so we have been looking at finding more cost efficient means of delivering this program. One of these measures has been to eliminate printing all VRICS in colour and shipping them to the various locations, and rather provide them on CD ROM format for projection onto an audio visual screen or viewed through an intranet system. This has already been implemented in China.

It will now be the responsibility of the institutions to cover some of the expenses if they wish to participate in this valuable program. However, like us, many of our industry sponsors see the value in these exams and have offered to subsidize the costs of STE's for targeted schools.

Comments from students:

*"These kinds of evaluations encourage students to know more about subjects. It should be conducted every year"*

*"This exam is good way of testing students as they help us to know where we stand"*

*"The pictures quality were good along and the standard of the questions"*

## Centers of Excellence

Further resources and efforts will be allocated to the Centers of Excellence program in 2008.

## 2007 Accreditation Examination

There are 140 members from the Asia Pacific Region scheduled to sit the next administration of the IACLE Accreditation Exam to be held in October 2007.

Country	# of Registrants
China	29
Hong Kong	1
India	47
Indonesia	30
Malaysia	1
Nepal	2
Pakistan	12
Philippines	8
Singapore	3
South Korea	3
Taiwan	4
<b>TOTAL</b>	<b>140</b>

We anticipate that following the exam, many members will qualify for FIACLE status and move to the next level and take on the new responsibilities of mentoring other educators and working in partnership with our industry sponsors to help raise the level of practitioners in the countries.



# EUROPE/AFRICA-MIDDLE EAST REGIONAL REPORT



Regional President/  
Coordinator  
Judith Morris  
United Kingdom



Regional  
Coordinator,  
Africa Middle East  
Sept 2001  
– February 2007  
Leonie Joubert  
South Africa



Administrative  
Regional  
Coordinator  
Gail van Heerden  
Australia

## Europe/Africa - Middle East Priority Countries

1. **Russia**
2. **Poland, Czech Republic,  
and Hungary**
3. **Germany**
4. **Turkey**
5. **Egypt**

## REGIONAL PRIORITIZATION OF STRATEGIC INITIATIVES

<b>Priority 1</b>	Partnering with Industry
	Institutional Demographics Database
	Distance Learning Program
	Developing new Educational Resources
	Collaborating with Institutions
<b>Priority 2</b>	Centers of Excellence
	Delivery of Effective Teaching
	2007 Accreditation Examination
<b>Priority 3</b>	Educational Meetings & Fellowships
	Student Trial Exam

## REGIONAL STATISTICS JANUARY 2006 – JUNE 2007

Country	Full Members	Institutions	Associate Educator Members	Associate Industry Members	FIACLEs	Resource Centers
Austria	1	1				
Belgium	2	2		1	1	1
Denmark	3	3				
Finland	2	2				2
France	7	6	1	2		4
Germany	5	3		1		4
Greece	1	1		2		1
Hungary	1	1				1
Ireland	1	1				
Israel	4	4			1	4
Italy	6	5		1	3	4
Norway	3	1			1	1
Poland	2	2		1		2
Portugal	3	1	1		1	1
Romania	1	1	1			1
Russia	3	3			1	2
Spain	21	14		3	11	10
Sweden	1	1				1
Switzerland	2	2		1		1
The Netherlands	2	2		1		2
Turkey	1	1				
United Kingdom	18	10	1	5	8	10
<b>Sub-Total Europe</b>	<b>90</b>	<b>67</b>	<b>4</b>	<b>18</b>	<b>27</b>	<b>52</b>
Algeria	1	1			1	1
Egypt	1	1			1	1
Ghana	2	1				1
Iran	1	1			1	1
Jordan			1			
Lebanon	4	2	1		1	1
Nigeria	3	2				
Qatar	1	1				
Saudi Arabia	3	3	1		2	3
South Africa	10	5	2	2	3	4
United Arab Emirates				1		
<b>Sub-Total Africa Middle East</b>	<b>26</b>	<b>17</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>12</b>
<b>TOTALS</b>	<b>116</b>	<b>84</b>	<b>9</b>	<b>21</b>	<b>36</b>	<b>64</b>

# EUROPE/AFRICA-MIDDLE EAST REGIONAL REPORT

## 2007-2008 REGIONAL GOALS AND MEASURES

Following the Global Strategic Planning meeting, the following goals and measures were established for the Europe Africa Middle East region:

Goal	Measure	Outcomes
<b>Work with Institutions in priority countries</b>	<ul style="list-style-type: none"> <li>• Institution program presented and adopted at 12 priority institutions throughout the region</li> <li>• Clinical demographic survey results from each priority institution received and compiled by end of 2007</li> </ul>	<ul style="list-style-type: none"> <li>• Institutional Program being rolled out to institutions in the 4th quarter of 2007 and 1st quarter of 2008</li> <li>• Demographic Survey ready for distribution in November 2007</li> </ul>
<b>Educational program growth and development</b>	<ul style="list-style-type: none"> <li>• DLP undertaken by 20 educators</li> <li>• 30 members registered for the 2007 Accreditation Exam</li> <li>• 80 participants in regional conferences</li> <li>• Investigate opportunities to hold educational meetings</li> </ul>	<ul style="list-style-type: none"> <li>• 13 members participating in the DLP (5 from industry)</li> <li>• 32 registrants for the Accreditation Exam (9 from industry)</li> <li>• Ongoing investigation into opportunities for educational meetings and participation in regional conferences</li> </ul>
<b>Target Ophthalmology profession for IACLE membership</b>	<ul style="list-style-type: none"> <li>• IACLE to work with FIACLEs in the region to increase awareness of their skills in developing and presenting education to Ophthalmologists and raise IACLE's profile with this professional group</li> <li>• 10% increase in membership of Ophthalmologists by the end of 2007</li> </ul>	<ul style="list-style-type: none"> <li>• Possibility of FIACLEs and other IACLE members presenting at ECOO educational program in the Czech Republic</li> </ul>
<b>Build close working relationship with organisations such as ECOO (Europe Council of Optometry &amp; Optics) and Industry</b>	<ul style="list-style-type: none"> <li>• Position on the education committee of the new European Academy (to be launched in Lisbon – October 2007)</li> <li>• Work toward endorsement of IACLE curriculum as the standard by ECOO</li> <li>• At least 20 “touch points” per year with industry through newsletter distribution, phone calls and meetings</li> </ul>	<ul style="list-style-type: none"> <li>• Judith Morris has attended meetings in Dublin, Dubrovnik, Milan and Geneva and will attend and participate in meeting in Lisbon</li> <li>• 9 representatives of Industry sponsors attended the IACLE Meeting at the BCLA</li> <li>• Judith Morris, regional council members and country representatives in regular contact with Industry sponsors</li> </ul>

## REGIONAL ACTIVITIES – REPORTED BY STRATEGIC INITIATIVE JANUARY 2006 – JUNE 2007

### Partnering with Industry

Regular interaction with our industry sponsors both at the local and regional levels has been an ongoing effort for Judith Morris, Europe/Africa-Middle East Regional President and Leoni Joubert, past Africa-Middle East Regional Coordinator.

Leoni Joubert often had the opportunity to meet with industry representatives while attending conferences, where they discussed the need for them to be actively involved in the institutions throughout South Africa. Through regular meetings and telephone communication with these representatives and country managers, she saw an increased commitment from them to establish relationships with the schools and hold IACLE Industry Seminars.

### Continuing Education Programs

What we find works best in Europe is to deliver continuing education for practitioners through local and regional FIACLEs. We therefore encourage our industry partners to work with these individuals.

Judith Morris has discussed the options for continuing education throughout the region with several of our Industry partners and in the past has successfully organized events such as the European Roadshow held in Budapest, Hungary several years ago.

At a continuing education meeting held in conjunction with the Contact Lens Society of South Africa, Leoni Joubert, past Africa Middle East Regional Coordinator lectured on IACLE and delivered an hour lecture on the "Complications of Silicone Hydrogels". The meeting

Company	Associate Industry Members	DLP Participants	Accreditation Exam Registrants
Bausch & Lomb	4		3
CIBA Vision	5	1	1
Johnson & Johnson Vision Care	10	4	6
Menicon	2		

Due to their efforts, an increase in associate industry membership throughout the entire Europe/Africa-Middle East region has been seen as country managers were encouraging their professional services staff to become members and participate in IACLE programs. A result of this membership drive is the 21 associate industry members in the region – 5 of whom are participating in the DLP and the 10 who are registered to sit the IACLE Accreditation Exam.

We encourage our Industry partners to closely interact with educators in their regions and work with them to become members of IACLE. Bausch & Lomb has taken this to the next level but committing to sponsor the membership for several educators throughout the region where there is financial need.

was attended by approximately 30 practitioners and all proceeds from the meeting registration were given back to IACLE.

Leoni Joubert also lectured at the Vision 2006 congress organized by the South African Optometric Association at Gallagher Estate and presented case studies as part of audience participation session organized by CIBA Vision.

### Industry Seminars

Although we will no longer be facilitating the organisation of IACLE Industry Seminars, we hope that the interest sparked by this interaction between industry and the institutions will continue.

## EUROPE/AFRICA-MIDDLE EAST REGIONAL REPORT

Institution	Country	IACLE Sponsor(s)
Delion College	Netherlands	B&L
Delion College	Netherlands	Cooper
University of Minho	Portugal	B&L, CIBA, Menicon
University of Kwazulu Natal	South Africa	CIBA
University of Johannesburg (RAU)	South Africa	J&J
University of Johannesburg (RAU)	South Africa	CIBA
University of Kwazulu Natal	South Africa	Cooper
University of Johannesburg (RAU)	South Africa	Cooper
University of Johannesburg (TRW)	South Africa	CIBA
University of Johannesburg (RAU)	South Africa	Cooper
University of Limpopo	South Africa	CIBA
University of Johannesburg (RAU)	South Africa	B&L
University of Orange Free State	South Africa	CIBA
Escuela Universitaria de Optica y Optometria	Spain	AMO, B&L, CIBA, Cooper

In South Africa, Industry Seminars are generally conducted by inviting each IACLE industry sponsor individually, rather than as a group, to the institution to make presentations to the students. In Europe, IACLE Industry Seminars were first started in 2006.

As a result of this activity, representatives from Bausch & Lomb, CIBA Vision, CooperVision and Johnson & Johnson Vision Care, Inc. participated in the Industry Seminars programs held for more than 500 students in 2006 throughout the region.

### Institutional Demographics Database

Work on this strategic initiative is nearing completion on the global level, at which point it will be implemented regionally.

### Distance Learning Program (DLP)

Due to the many languages throughout the Europe/Africa-Middle East Region, it is not always easy for our members to participate in all educational programs. As a result, there are currently only 13 members from throughout the region participating in the Distance Learning Program.

Country	# of Participants
Denmark	1
Dubai	1
Italy	2
Greece	1
Romania	1
South Africa	2
Spain	2
Switzerland	1
United Kingdom	2

## Collaboration with Institutions

While the strategic initiative to collaborate more closely with institutions has become more structured in 2007, Judith Morris has always looked for ways of helping educators – particularly those in the Eastern European countries where often few contact lens educational resources are accessible and formal teaching institutions are not always available.

Judith has been working closely with the European Council of Optometry and Optics (ECOO), whose purpose is the development of Optometry in Europe – through education and focusing on patient protection. As an organization, they are attempting to standardize education and regulations across Europe. The outcomes of ECOO's work will impact institutions throughout Europe.

## Centers of Excellence

Further resources and efforts will be allocated to the Centers of Excellence program in 2008.

## Delivery of Effective Teaching

### Translation of Resources

IACLE is very grateful for the active and enthusiastic IACLE members in Europe who are translating selected sections from the modules of the IACLE Contact Lens Course. As a result, we now have portions of this valuable resource available in French, German and Portuguese. We are excited about the doors that will be opened for educators in these countries as a result of these projects.



# EUROPE/AFRICA-MIDDLE EAST REGIONAL REPORT

## 2007 Accreditation Examination

There are 31 members registered to write the Accreditation Exam in October 2007. Of those registered, 10 are Associate Industry members

Country	# of Participants	Full Member (includes pending applicants)	Associate Educator Members	Associate Industry Members
France	2	1		1
Germany	1	1		
Greece	1			1
Italy	4	3		1
Netherlands	2	1		1
New Zealand	1	1		
Norway	7	7		
Qatar	1	1		
Romania	1		1	
Spain	3	2		1
Switzerland	1			1
South Africa	1	1		
United Kingdom	6	3		3
United Arab Emirates	1			1
<b>TOTALS</b>	<b>32</b>	<b>21</b>	<b>1</b>	<b>10</b>

## Educational Meetings

### 1<sup>st</sup> International Congress OPTA 2006 – Prague

In February 2006 an IACLE Update Presentation was given at the 1<sup>st</sup> International Congress held in conjunction with the 12<sup>th</sup> International Fair of Eye Optics and Ophthalmology - OPTA 2006 in Prague, Czech Republic for optometry educators and professionals. The Congress was organized by the Association of Czech Opticians and Optometrists and the Trade Fairs Brno (BVV) in association with the European Council of Optometry and Optics (ECOO) and the European Association of Universities, Schools and Colleges of Optometry (AEUSCO). The congress was attended by 71 participants from all parts of Europe: West, Central and East, (Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Cyprus, Denmark, Estonia, France, Greece, Hungary, Kosovo, Latvia, Macedonia, Norway, Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia, Spain, Turkey and Ukraine).

In addition to her educational presentation on IACLE, Judith Morris, Europe Regional President delivered a lecture on Contact Lens Clinical Pearls during the scientific session.

For IACLE, this conference was a vehicle for delivering information about IACLE to potential members in the Eastern European countries, where we are trying to build membership and increase the knowledge level of contact lens educators and practitioners.

### Optometry and Contactology Meeting - Madrid

In March 2006 an IACLE Meeting was held in Madrid, Spain in conjunction with the Optometry and Contactology Meeting. The meeting was comprised of a comprehensive update on IACLE activities, a scientific session and an educational forum amongst the 20 educators in attendance (mostly IACLE members) to discuss the educational changes that are occurring in Europe.

The scientific program involved lectures by IACLE members and FIACLEs (Javier Gonzalez, Montserrat Auge Serra and Cesar Villa Collar):



- Microbial Keratitis and Extended Wear: Morbidity and predisposing Factors
- Contact Lenses and Special Contact Lens Fitting After Lamellar or Penetrating Keratoplasty
- Topographic Changes in Keratoconic Cornea
- Contact Lens Fitting After Refractive Surgery

### Global Symposium on Vision Correction - Athens

Four IACLE Members (Judith Morris, Phil Morgan, Eef van der Worp, Hans Bleshey) presented at the Global Symposium on Vision Correction in Athens, Greece. IACLE was also featured in the poster presentations. Many industry sponsors, members and potential members visited the IACLE poster and spoke with Regional President Judith Morris. Judith and other executive members of IACLE also hosted a lunch meeting to discuss contact lens education and activities in the region with some of the members and industry representatives who were in attendance.

### British Contact Lens Association (BCLA) Annual Meeting – United Kingdom

Each year, Regional President Judith Morris conducts an IACLE Europe Update and Members Meeting during the annual British Contact Lens Association (BCLA) meeting. This is an opportunity for Judith to meet with IACLE members and industry sponsors to discuss and map out strategies for promoting contact lens education throughout the region.

The 2006 meeting was held in Birmingham, UK and was attended by 19 members, industry representatives and regional council officers.

The 2007 meeting, held in Manchester, was expanded to become a joint Seminar with BUCCLE on Advanced Teaching Methods. The meeting, attended by over 40 educators and industry representatives, was very well received by members and industry alike. Speakers at

the meeting included Philip Morgan, Lyndon Jones, Luigina Sorbara and Ian Miller, and covered the following topics:

- Contact lens education using modern technology
- Potential uses of video podcasting in a contact lens curriculum
- Clinical assessment of students
- Imagination in interactive eLearning
- Using gaming scenarios for learning
- A simple guide to interactive voting

Following the joint educational meeting, an IACLE update meeting was held updating members on priorities and activities.

### World Conference on Optometric Education (WCOE5) - Milan

IACLE was invited to participate in the program of the World Conference on Optometric Education (WCOE5) in Milan, Italy. At the meeting, Sonja Cronjé, IACLE's past Director of Education, presented a paper about IACLE and Industry collaborating to further contact lens education and a poster titled IACLE's Four-Step Approach to Contact Lens Education.

### European Council of Optometry and Optics (ECOO) Meeting - Dubrovnik

This meeting, held in May 2007, was about advancing Optometry and the concept of the European Academy. The association of schools in Europe (ADESCU) was formally disbanded and the next ECOO meeting in Lisbon will see the acceptance of the European Academy. That will have an Education Committee of which IACLE will hopefully be associated on a formal basis.

During this time, Regional President Judith Morris had the opportunity to meet individually with members and other educators from Turkey, Germany, Italy, Croatia/Slovenia, Belgium and Portugal and to discuss their local educational needs and how IACLE can help them advance contact lens education in their countries. Since this meeting, 6 new members have been approved for IACLE membership.

## EUROPE/AFRICA-MIDDLE EAST REGIONAL REPORT

### Student Trial Exams

Student Trial Exams increased in popularity throughout Europe and Africa Middle East in 2006 and 2007, with 15 exams held in the region for 483 students.

Institution	Country	Exams	Students
AEPO FS2 O - 2006	France	2	20
Institut Des Sciences De La Vision	France	2	56
Institut Emmanuel d'Alzon - 2006	France	2	20
Fielmann Academy Plon Castle	Germany	1	13
University of Applied Sciences Jena	Germany	1	30
University of Orange Free State	South Africa	1	18
University of Johannesburg (TRW)	South Africa	1	23
University of Johannesburg (RAU)	South Africa	1	55
University of Limpopo	South Africa	1	50
Anglia Polytechnic University	United Kingdom	1	38
Aston University	United Kingdom	1	120
Cardiff University	United Kingdom	1	40

While conducting the Student Trial Exams, past Regional Coordinator Leoni Joubert visited the institutions, which provided her with an opportunity to meet with IACLE members, tour the IACLE Resource Center and assess their contact lens programs and the resources that are utilized.

Student Trial Exams are not a priority in Europe. However, future exams in the region will be conducted only when the costs of administrating the exam are subsidized by the institutions or sponsored by local or regional industry.

# AMERICAS



Regional Director  
Juan Carlos Aragón  
Costa Rica



Regional  
Coordinator  
August 2005  
– February 2007  
Sergio Garcia  
Colombia



Regional  
Coordinator  
August 2007  
– present  
Guillermo Carrillo  
Peru

## Americas Priority Countries

1. **Brazil**
2. **Mexico**
3. **Columbia**

## REGIONAL PRIORITIZATION OF STRATEGIC INITIATIVES

<b>Priority 1</b>	Institutional Demographics Database
	Collaboration with Institutions
	Educational Meetings & Fellowships
	Delivery of Effective Teaching
	2007 Accreditation Examination
<b>Priority 2</b>	Distance Learning Program
	Partnering with Industry
	Developing new Educational Resources
<b>Priority 3</b>	Centers of Excellence

## AMERICAS

### REGIONAL STATISTICS JANUARY 2006 – JUNE 2007

COUNTRY	INSTITUTIONS	FULL MEMBERS	ASSOCIATE EDUCATOR MEMBERS	ASSOCIATE INDUSTRY MEMBERS	FIACLES	RESOURCE CENTERS
Argentina	4	7		1	1	3
Brazil	4	4	1	1		2
Chile	4	5	1		1	2
Colombia	6	20	2		7	7
Costa Rica	1	1	1			1
Ecuador	2	2		1		1
Mexico	4	12		1	2	4
Panama Republic	1	1				
Paraguay	1	1				
Peru	4	6		3	2	
Uruguay	1	3		1	1	
Venezuela	1	1		1	1	
<b>Sub-Total Latin America</b>	<b>33</b>	<b>63</b>	<b>5</b>	<b>4</b>	<b>16</b>	<b>23</b>
Canada	3	8			1	2
United States of America	19	27	2	6	6	4
<b>Sub-Total North America</b>	<b>22</b>	<b>35</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>6</b>
<b>TOTAL</b>	<b>55</b>	<b>98</b>	<b>7</b>	<b>10</b>	<b>23</b>	<b>29</b>

## 2007-2008 REGIONAL GOALS AND MEASURES

Using the outcomes from the Global Strategic Planning Meeting as a foundation, the regional working group established the following goals and measures:

GOAL	MEASURE	OUTCOME
<b>Collaboration with Institutions</b>  <b>Establish IACLE certification program with Optometry schools</b>	<ul style="list-style-type: none"> <li>Program initiated at 6 priority institutions in Mexico and Colombia</li> </ul>	<ul style="list-style-type: none"> <li>Program initiated at 1 institution in Colombia to date. Program will be initiated at other institutions throughout the remaining months of the year – several to be visited in Mexico in October.</li> </ul>
<b>Educational Programs</b>	<ul style="list-style-type: none"> <li>20 members enrolled in the DLP and registered for the 2007 Accreditation Exam</li> <li>2 educational meeting scheduled - 1 in Mexico and 1 in Colombia</li> </ul>	<ul style="list-style-type: none"> <li>21 members enrolled in the DLP (1 from industry)</li> <li>37 members registered for the 2007 Accreditation Exam (1 from industry)</li> <li>1 educational meeting held in Colombia in September 2007</li> <li>1 educational meeting scheduled to be held in Mexico in October 2007</li> </ul>
<b>Establishment of a more effective regional council</b>	<ul style="list-style-type: none"> <li>Representation of all countries in Latin America on the regional working group including the Regional Council members</li> <li>All members assigned specific responsibilities to ensure successful implementation of strategic initiatives</li> </ul>	<ul style="list-style-type: none"> <li>Sergio Garcia: Colombia, Ecuador, Venezuela</li> <li>Rubén Velásquez: Mexico</li> <li>Guillermo Carrillo: Peru</li> <li>Daniela Garese: Uruguay, Argentina, Chile, Paraguay</li> <li>Hernan Alvarez: Central America</li> <li>Elena Cabello: Brazil</li> </ul>
<b>Develop affiliation with ALDEFO (Latin American Association of Schools of Optometry)</b>	<ul style="list-style-type: none"> <li>Working relationship to obtain their support in getting more optometry schools to use IACLE resources</li> <li>Encourage use of the IACLE curriculum</li> <li>Target educators to become members of IACLE and/ or seek FIACLE status</li> </ul>	<ul style="list-style-type: none"> <li>Juan Carlos Aragón met with Julio Torres, the President of ALDEFO</li> <li>Working to have standardized curriculum based on the IACLE Contact Lens Course</li> <li>Increased commitment from institutions and educators</li> </ul>
<b>Evaluate strategies for future expansion into priority countries</b>	<ul style="list-style-type: none"> <li>Identify contact lens educators in Brazil, Argentina and Chile</li> <li>Establish small working group in Brazil in 2007</li> </ul>	<ul style="list-style-type: none"> <li>Meeting with 20 educators in Brazil, plus representatives of J&amp;J, B&amp;L and Cooper.</li> <li>Work to increase membership (currently 4 full members, 1 associate educator and 1 associate industry)</li> </ul>

## REGIONAL ACTIVITIES: REPORTED BY STRATEGIC INITIATIVE JANUARY 2006 – JUNE 2007

In April of 2006, Sergio Garcia began to regularly communicate with the Regional Council in an attempt to achieve an increased commitment from these members.

Following his resignation in February 2007, Juan Carlos Aragón volunteered to become the Regional Director for Latin America and work with the regional council to drive contact lens education.

His involvement began by forming a working group of the regional council and country representatives and bringing them together in Colombia for a strategic planning meeting. Using the outcomes from the global strategic planning meeting earlier in the year as their foundation, they developed a plan for the Latin American region for 2007 and beyond.



Roles and responsibilities for each member of the working group were established.

<b>Sergio Garcia</b>	Educational Meetings
<b>Fernando Ballesteros</b>	Quarterly Newsletters / Communications
<b>Guillermo Carrillo</b>	Marketing for Partnering with Industry and Collaboration with Institutions programs, Communications
<b>Daniela Garese</b>	DLP Coordinator, Quarterly Newsletters / Communications
<b>Rubén Velásquez</b>	Educator Meetings
<b>Juan Carlos Aragón</b>	Regional Director

Since that time, this working group maintains regular and ongoing communication and has been instrumental in developing their strategic initiatives and driving program implementation. This structure for communication and activity is now being used as a blue print for the other regions.

Guillermo Carrillo has accepted the role of Regional Coordinator for Latin America, and we look forward to further advances in the region as he drives membership and program implementation, while continuing to work closely with the regional council and country representatives. Juan Carlos Aragón has agreed to remain as the Regional Director into 2008.

### Institutional Demographics Database

Work on this strategic initiative is nearing completion on the global level, at which point it will be implemented regionally with distribution of a survey to collect information on the practical experience of students.

### Collaboration with Institutions

In line with the global strategic initiative of developing collaborations with institutions, the Latin American Regional Council has identified and ranked institutions in their priority countries of Colombia, Mexico and Brazil. Six institutions have been targeted. A marketing/partnering package has been tailored for the Latin American schools, presented to the Deans of the institutions and a collaborative relationship will be developed between the schools and IACLE. After an assessment period, the institution would be granted "IACLE Affiliated" status.

Institutions will be required to show that they are supporting contact lens education through such things as:

- ensuring that adequate infrastructure is provided so that students receive practical/clinical exposure
- adopting the IACLE curriculum in their programs
- endorsing the use of the IACLE Contact Lens Course as a student textbook
- subsidizing the cost of travel for educators to attend local association or IACLE educational meetings

In July of this year, Juan Carlos Aragón met with Brazilian educators (including 3 members) and industry representatives and has since formed another working group to address their local needs. The outcomes of this meeting include:

- establish a Brazilian Association of Contact Lens Educators
- named Elena Gelado as their IACLE country coordinator
- agree to meet again in the near future
- evaluate the possibility of translating into Portuguese the IACLE Course (CDs)
- encourage educators to become IACLE members

### Institutional Visits

School visits offer an excellent opportunity for our coordinators to meet with educators, tour the IACLE Resource Center, assess the institutions' contact lens courses, and conduct IACLE programs.

Sergio Garcia was an invited speaker at several conferences and took those opportunities to meet with heads of schools and educators at seven institutions over the course of 2006.

<b>ECUADOR</b>	Israel University
	Pontificia Universidad Catolica
<b>COLOMBIA</b>	La Salle University
	San Martin University
	Andina University
	Santo Tomas University
<b>PERU</b>	ESPOO

This was the opportunity to provide further information about IACLE and the programs that we offer, as well as describe how the IACLE Resource Centers should be operated. He also encouraged the schools to recommend membership for their educators and as a result of his efforts within the region nine new full and associate industry members in Latin America joined IACLE over the past year.

### Developing Relationships with Regional Associations

Regional Director, Juan Carlos Aragón, coordinated a meeting with Julio Torres, the President of ALDEFO (Latin American Association of Optometry Schools and Faculties) to gain information about the activities of this association and how IACLE can help to establish high quality educational programs.

The advantage of this partnership will be to raise the

standard of the education in our region by establishing a standardized course that is based on the IACLE Contact Lens Course and to establish a real commitment between institutions, educators, Industry and IACLE.

Guillermo Carrillo, the current Regional Coordinator, will be attending a meeting in conjunction with the American Academy of Optometry to discuss this in further detail.

### Communication with Regional Membership

The Regional Council has developed a professional newsletter that will be distributed to the regional membership and industry sponsors on a quarterly basis.



### Educational Meetings

#### Latin American Congress in Optometry – Lima, Peru

From 20 – 22 October 2006, officers of the IACLE LA Regional Council, FIACLES and members from throughout the region participated in the Latin American Congress in Optometry in Lima Peru.



A special contact lens workshop session was organized by the IACLE LA regional council members on topics such as New RGP Design Fitting and Contact Lens Fitting in

## AMERICAS

Keratoconus. In addition, several IACLE members and regional FIACLEs presented on the main program.

An IACLE Update meeting was held for 40 attendees, including IACLE members, FIACLEs, potential members, heads of school, officers of the Optometric Associations (ALDOO and FEDOPTO) and local/regional industry representatives. A global update was followed by a more detailed review of IACLE programs and the need for member participation in Latin America. Discussions were also focused on the benefits of building relationships between educators, students, institutions and industry.

Regional Coordinator Sergio Garcia presented representatives of nine IACLE Resource Centers with the latest IACLE Resources: the IACLE Image Collection CD, the AOCLE Image Collection CD and the English version of Module 8 of the IACLE Contact Lens Course.

### 4th Optometry Congress of the Colegio de Opticos de la Provincia de Buenos Aires

During the 4th Optometry Congress of the Colegio de Opticos de la Provincia de Buenos Aires in Argentina, an IACLE Update Meeting was held for more than 60 IACLE members, potential members and Industry sponsors who were attending the conference.

### Specialization on Anterior Segment and Contact Lenses Program – Santo Tomas University, Colombia

In April 2006, IACLE Vice President Desmond Fonn travelled to Colombia and participated in the Santo Tomas University's educational program titled "Specialization on Anterior Segment and Contact Lenses". This program is designed as a masters level program to provide advanced training to educators and practitioners in Colombia.

Desmond provided 20 hours of education to the 18 students enrolled in this special program. Lectures given were:

- Clinical Performance of Silicone Hydrogel Material
- Orthokeratology
- Microbial Keratitis
- Solutions
- Contact Lens post Refractive Surgery

The first two lectures were also attended by 95 students, 22 practitioners and 12 educators.

The didactic component was followed by a clinical session covering such special cases as: Keratoconus, High Astigmatism, Post Refractive Surgery, as well as Soft and Rigid Lenses.

Following the regional council's strategic planning meeting in April, two educational meetings have been scheduled for later in 2007. These will be held in priority countries Colombia and Mexico.

## Delivery of Effective Teaching

### Distribution of the IACLE Contact Lens Course CDs

With the IACLE Contact Lens Course available in Spanish and in CD ROM format, both educators and students from throughout the region have taken advantage of this valuable resource – with almost 100 sets having been sold to IACLE members and their students, as well as industry representatives at institutions and companies in the following countries:

COUNTRY	# OF SETS
Argentina	4
Bolivia	1
Brazil	25
Chile	1
Colombia	42
Costa Rica	2
Mexico	1
Ecuador	3
Panama	1
Paraguay	1
Peru	3
Uruguay	1
Venezuela	1
Canada	25

At the University of Waterloo in Canada, the Course is the required textbook for 3rd year students.

Spanish and English Resources, including the IACLE Contact Lens Course continue to be distributed to the 33 IACLE Resource Centers throughout the region.

COUNTRY	% OF ESTABLISHED RESOURCE CENTERS AT INSTITUTIONS WITH IACLE MEMBERS
Argentina	75%
Brazil	50%
Chile	100%
Colombia	100%
Costa Rica	100%
Ecuador	50%
Mexico	100%
Peru	50%
Uruguay	100%
Venezuela	100%
<b>TOTAL LATIN AMERICA</b>	<b>82%</b>
Canada	67%
United States of America	21%
<b>TOTAL NORTH AMERICA</b>	<b>27%</b>

## 2007 Accreditation Examination

There are 37 full members from the Americas registered to write the October 2007 Accreditation Examination.

COUNTRY	# OF CANDIDATES
Argentina	5
Brazil	2
Chile	3
Colombia	10
Guatemala	1
Mexico	8
Peru	3
Uruguay	3
United States of America	2
<b>TOTAL</b>	<b>27</b>

## Distance Learning Program

With all 4 Phases of the Distance Learning Program now available in MCQ format, Sergio Garcia, Guillermo Carrillo and Daniela Garese translated the assignments into Spanish.

As at the end of June 2007, there were 21 DLP participants throughout the region as follows:

COUNTRY	# OF PARTICIPANTS
Argentina	1
Brazil	3
Chile	3
Colombia	7
Mexico	2
Paraguay	1
Peru	1
Uruguay	2
United States of America	1
<b>TOTAL</b>	<b>21</b>

Sixteen of these DLP participants are registered to sit the 2007 IACLE Accreditation Examination.

Regional Vice President Daniela Garese coordinates this program for the Latin American members.

## Partnering with Industry

The Latin American regional working group will focus their efforts on identifying and regularly communicating with the regional heads of IACLE's Industry sponsors.

Based on the global marketing package developed for our Partnering with Industry program, Regional Coordinator Guillermo Carrillo will translate and tailor a regional package accordingly. Juan Carlos Aragón, the Regional Director, will then schedule meetings with these individuals to present IACLE and obtain their support.

The working group will also work with country representatives and/or distributors of these industry sponsors.

## AMERICAS

### FIACLE Activity and Continuing Education

The FIACLE Leadership Program in Latin America remains strong and it is encouraging to see these active individuals getting involved in many educational activities in the region, including publication in journals and continuing education for practitioners

Throughout 2006, 8 articles were published by FIACLEs in journals such as Franja Visual, 20/20 Professional, Vista and UstaSalud.

As well, several continuing education programs for practitioners were held in Argentina, Colombia and Peru in partnership with local institutions, associations and IACLE Industry sponsors.

### Escuela Superior Privada de optica y Optometria (ESPOO) - Peru

In March 2006, a team of Peruvian FIACLEs (Guillermo Carrillo, Rolando Rojas and Robin Rodriguez) at the Escuela Superior Privada de optica y Optometria (ESPOO), participated in four industry funded practitioner continuing education training programs and the money they raised was used to purchase new educational resources and equipment for their IACLE Resource Center. This included a new monitor, a DVD recorder, and a DVD/VHS player.



### EXPOVISION - Mexico

Also in March of 2006, in conjunction with EXPOVISION and sponsored by Bausch & Lomb, CIBA Vision, Johnson & Johnson Vision Care Inc and Cooper Vision, FIACLE Ricardo Pintor developed and presented two workshops using IACLE resources. The program was divided into two sections as follows:

*Workshop 1 (3 hours): 85 attendees*

#### Topics

Anatomy and Physiology of the Anterior Segment of the Eye  
Evaluation Test  
Schirmer, Jones, BUT  
Manufacturing and Modification Contact Lenses  
Fitting spherical lenses  
Solutions and Care

*Workshop 2 (3 hours): 29 attendees*

#### Topics

Slit Lamp  
Contact Lens Complications  
Toric Lenses  
Presbyopic Eyes and Lenses

### Latin American Congress in Optometry – Peru

In October 2006, several IACLE members and FIACLEs from throughout the region presented during the main program of the Latin American Congress in Optometry in Lima Peru in October on the following topics:

- Fitting of new RGP designs (Daniela Garese and Sergio Garcia)
- Contact Lens Fitting in Keratoconus (Gianfranco Luongo, Guillermo Carrillo)
- The tear film in the fitting of contact lenses (Ruben Velásquez)
- Work Environment and Contact Lenses (Jorge Ayala)
- Renewing Ortokeratology (Sergio Garcia)
- Comparative Study of Spherical Aberration over Soft Contact Lenses (Rolando Rojas)



## 4th Optometry Congress of the Colegio de Opticos de la Provincia – Argentina

In November 2006, regional coordinator Sergio Garcia and regional council vice president Daniela Garese, along with several FIACLEs and members from throughout the region presented at the 4th Optometry Congress of the Colegio de Opticos de la Provincia de Buenos Aires in Argentina on the following topics:

- Fluorescein Images during Adaptation of Rigid Contact Lenses (Cristina Ferniot)
- 20 Ways to Ensure Success with Rigid Gas Permeable Contact Lenses (Daniela Garese)
- Special RGP Lens Designs for Complicated Cases (Daniela Garese)
- Orthokeratology (Sergio Garcia)
- New Approaches to Handling Kerataconics (Sergio Garcia)

The conference was attended by 450 optometrists, opticians and students from Argentina, Uruguay,

Peru, Colombia and Paraguay, as well as industry representatives from Bausch & Lomb, CIBA Vision, CooperVision and Johnson & Johnson.

## Santo Tomas University Congress – Colombia

In April 2007, FIACLEs (and regional council members) were invited to participate in the Santo Tomas University Congress in Colombia, by delivering presentations and workshops to fellow educators from institutions throughout the country, students and practitioners.

## Industry Seminars

In 2006, 19 Industry Seminars and Workshops were held at six institutions throughout the region. Representatives from Alcon, Bausch & Lomb, CIBA Vision, CooperVision, Johnson & Johnson Vision Care and other local contact lens manufacturers and distributors presented to 744 students.

INSTITUTION	COUNTRY	IACLE Sponsor(s)
Moron University	Argentina	B&L, Cooper, J&J
Fundacion Universitaria Area Andina	Colombia	B&L
Fundacion Universitaria Area Andina	Colombia	CIBA, B&L, Cooper
Santo Tomas University	Colombia	CIBA, B&L, Cooper
Instituto Politecnico Nacional (IPN)	Mexico	J&J
Instituto Politecnico Nacional (IPN)	Mexico	CIBA, B&L
Instituto Politecnico Nacional (IPN)	Mexico	B&L
Instituto Politecnico Nacional (IPN)	Mexico	J&J
Universidad Autonoma Aguascalientes	Mexico	CIBA, Cooper, J&J
Universidad Autonoma Aguascalientes	Mexico	CIBA, Cooper, J&J
Universidad Autonoma Aguascalientes	Mexico	CIBA, Cooper, J&J
Universidad Autonoma Aguascalientes	Mexico	CIBA, Cooper, J&J
Universidad Autonoma Aguascalientes	Mexico	CIBA, Cooper, J&J
Escuela Superior Privada de Optica y Optometria	Peru	B&L, CIBA, J&J
Escuela Superior Privada de Optica y Optometria	Peru	B&L, CIBA, J&J
Escuela Superior Privada de Optica y Optometria	Peru	B&L, CIBA, J&J
Escuela Superior Privada de Optica y Optometria	Peru	B&L, CIBA, J&J
Escuela Superior Privada de Optica y Optometria	Peru	
Escuela Superior Privada de Optica y Optometria	Peru	

# AMERICAS

## Student Trial Exams

Student Trial Exams are not a priority in the Americas region in 2007 and 2008. Once the institutions program has been successfully implemented in targeted schools in priority countries, these exams may once again be implemented if the administration costs are met by either the institution or supported through local or regional industry sponsors.

Past exams held in the region throughout 2006 are as follows:

INSTITUTION	COUNTRY	# OF STUDENTS
Santo Tomas University	Colombia	36
San Martin University	Colombia	30
BC College of Optics	Canada	12
University of Waterloo	Canada	41

Through the Collaboration with Institutions program we believe that we will be able to help these institutions make changes to their curricular that will address areas of weakness identified through the results of the Student Trial Exams – particularly “Ocular Responses to Contact Lenses”.





**APPENDIX: FIACLE PROFILES**



## FIACLE Profile – XU WEI – Asia Pacific Region

Xu Wei graduated from Sun Yet-sen University of Medical Sciences (PR China) in 2003 with a medical degree - majoring in ophthalmology and optometry. She then began her 4-year teaching career at Jinling Institute of Technology, where she has taught such courses such as Contact Lenses and Elements of Ophthalmology to over 500 college students and practitioners involved in continuing education programs.

During her time as an IACLE member, Xu Wei has participated in many IACLE programs and acts as the IACLE Resource Coordinator at Jinling Institute of Technology. She has conducted the IACLE Student Trial Exam 3 times for her students. Xu Wei participated in the IACLE Intensive Educator Program in 2004 and later that year passed the IACLE Accreditation Exam. In August 2006, Xu Wei attended the Asia-Pacific Regional Meeting in Hyderabad, India, where she was the youngest attendee. Xu Wei was glad to learn from and share with other senior educators.

Being a FIACLE, she has encouraged other teachers to join in IACLE, helped other members to participate in the Distance Learning Program, and recommended two other institutions (Changzhou Health School & Nanjing University of Traditional Chinese Medicine) to become involved in IACLE.

Xu Wei attends local seminars on contact lens and optometry, and has lectured at Bausch & Lomb courses for contact lens practitioners. She has continued her graduate work at Wenzhou Medical College, and devotes time to research in contact lenses and sports vision. She also provides community support of such programs as Health Athletes Programs in Special Olympics.

***“Maybe I’m not a best contact lens educator, but I want be a most prideful educator. I learn much from IACLE, send information to my students; and they would found it useful during their professional career; so their patients or clients will benefit from it. Then some day in the future, the quality of contact lens education & service in China will improve much, because of us and them.”***

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## **QUICK FACTS**

<b>FIACLE</b>	Xu Wei
<b>SCHOOL</b>	Jinling Institute of Technology
<b>TEACHES STUDENTS IN</b>	Contact Lenses Elements of Ophthalmology
<b>ASSOCIATION AFFILIATIONS</b>	Health Athletes Programs in Special Olympics
<b>DISTANCE LEARNING PROGRAM</b>	Ongoing
<b>STUDENT TRIAL EXAMS</b>	Administered the STE in 2004, 2005, 2006
<b>CONTINUING EDUCATION</b>	Works with Bausch & Lomb to deliver practitioner education
<b>JOINED IACLE IN</b>	2004
<b>FIACLE ACHIEVED IN</b>	2005



## FIACLE Profile – SHEHZAD NAROO – Europe Africa Middle East Region

After graduating from Aston University and completing the professional qualifying examinations of the College of Optometrists Shehzad Naroo registered with the UK General Optical Council. He then went on to complete an MSc at UMIST, followed by a PhD.

In 2001, he accepted a post lecturing at Aston University, where he teaches contact lenses, refractive surgery, ophthalmic law and occupational optometry.

Shehzad has worked in many types of Optometric practices (small groups, independents, and large groups), hospitals, private clinics and universities and has taught at all levels (undergraduate, postgraduate and continued education and training).

His research activities have included refractive surgery, corneal topography, sports vision and intraocular lens design.

Shehzad has many affiliations and has held several executive level positions with various associations, including:

- past Chairman of the Northern Optometric Society
- Fellow of the American Academy of Optometrists
- Fellow of International Association of Contact Lens Educators (IACLE)
- Editor-in-Chief of the journal of the British Contact Lens Association (BCLA), Contact Lens and Anterior Eye (CLAE)
- UK representative of the IACLE
- 2007 Chairman of the British Universities Committee of Contact Lens Educators (BUCCLE)
- past Treasurer of the British Society for Refractive Surgery
- examiner for the College of Optometrists

In 2004 he was invited to present to the All Party Parliamentary Select Committee on Safety in Laser Surgery in the UK at the House of Commons, Westminster.

Shehzad learned of IACLE when he became a lecturer at Aston University in 2001. His colleague James Wolffsohn was already using IACLE material in his teaching and Shehzad began to incorporate some

of the IACLE teaching resources into his lectures and tutorials. His knowledge of IACLE was reinforced at the BUCCLE and BCLA meetings, where European Regional President Judith Morris enthusiastically spoke of IACLE and where he met IACLE members from other European countries.

In October 2002, Shehzad sat for the IACLE Accreditation Examination, following which he was eligible to become a Fellow of IACLE. Aston University regularly holds the IACLE Student Trial Exams as the students benefit greatly from the process and find the feedback invaluable to their education.

Over the last few years Shehzad undertook a commitment to seeing Optometry expand in developing countries especially in areas where resources are limited and there is a real thirst for learning. In 2003 he was invited to teach primary eye care at universities and hospitals in Pakistan and was pleased to find 3 FIACLEs at one of the teaching hospitals, the Al-Shifa Trust, which was also a resource center. He encouraged other places that he visited in Pakistan to also sign up to IACLE as they could benefit greatly from it.

***“The IACLE ethos fits in very well with teaching primary eye care in developing regions and it is one of the things that make me proud to be associated with IACLE.”***

***“[The FIACLE] suffix is one of those that I am most proud of because I thought the examination was very thorough plus there are not that many FIACLEs around the world and it is nice to be one of a rare bunch.”***

***“The other intangible benefits I have taken from IACLE would have to be the friendship with the other members. The passion for education amongst the group can be seen at every level [of the organisation] and filters through to every other IACLE member I have met. Through my association with IACLE I been fortunate to attend some great conferences, in great places, and made some great friends – long may it continue!”***

***“[The FIACLE] suffix is one of those that I am most proud of because I thought the examination was very thorough plus there are not that many FIACLEs around the world and it is nice to be one of a rare bunch.”***

## **QUICK FACTS**

<b>FIACLE</b>	Shehzad Naroo
<b>SCHOOL</b>	Aston University – United Kingdom
<b>TEACHES STUDENTS IN</b>	Contact Lenses Refractive Surgery Ophthalmic Law Occupational Optometry
<b>ASSOCIATION AFFILIATIONS</b>	General Optical Council (UK) College of Optometrists (UK) American Academy of Optometrists International Association of Contact Lens Educators British Contact Lens Association British Universities Committee of Contact Lens Educators British Society for Refractive Surgery
<b>STUDENT TRIAL EXAMS</b>	Administered the STE in 2004, 2005, 2006
<b>CONTINUING EDUCATION</b>	Held many seminars totalling over 100 hours since joining IACLE
<b>PUBLICATIONS</b>	Over 30 since joining IACLE
<b>JOINED IACLE IN</b>	2001
<b>FIACLE ACHIEVED IN</b>	2002



## FIACLE Profile – ORLANDO NEIRA – Americas Region

Orlando Neira graduated from the Universidad de La Salle – Bogotá in 1991 where he obtained his professional optometrist designation. This was followed by post graduate work in 1999 at the Clinica Barraquer in Bogotá and again in 2000 at the Centro de Optometría Internacional in Madrid, Spain where he completed a specialized program in contact lenses.

Orlando has spent his 10-year academic career as part of the Optometry Faculty at Fundacion Universitaria del Area Andina – Pereira, where he has influenced nearly three hundred students. For the past several years he has been in charge the contact lens course and contact lens clinical area at his school.

In his current academic role, Orlando teaches Clinics Seminars and Contact Lenses to third and fourth year students. His areas of expertise include contact lenses, contact lenses clinical skills, primary care optometry, and client service.

Orlando has been a member of IACLE for six years and has participated in many IACLE programs including the Distance Learning Program, Industry Seminars, and Student Trial Exams. Although he successfully completed the Accreditation Examination in 2002, he elected to write again in 2004.

Orlando is very enthusiastic and interested in improving the quality of optometric and contact lens education in Colombia and the Latin American Region. He is actively

delivering continuing education for practitioners, particularly in the areas of corneal oxygen supply and silicone hydrogel technology. Presently, he is designing a continuing education program, which focuses on client service and contact lenses for optical assistants. Further, Orlando gives back to his community by working with final year optometry students to provide eye exams free of charge in the outlying and poverty ridden areas of Colombia - especially to children in public schools.

Orlando has commented that being an IACLE member and specifically a FIACLE is not only a very big honor, but also a very big responsibility. In Latin America there is no designation like this. In such a competitive world, where professional accreditation is so relevant to reach professional development, it is great that IACLE gives members this opportunity.

Development of other IACLE members and optometrists is important to Orlando and he has dedicated his time in being a leader in the eye care professions in Colombia. IACLE and industry have assisted by providing him with materials, support and networking. He is an excellent example of a FIACLE who has given back of his skills and knowledge to his Association and to his profession.

***“IACLE did give me self motivation and the most useful tools to be a better educator and eye care professional. This led me to a personal commitment of doing always my best, not only with my students, but also with my patients and colleagues.”***

***“IACLE did give me self motivation and the most useful tools to be a better educator and eye care professional. This led me to a personal commitment of doing always my best, not only with my students, but also with my patients and colleagues.”***

## **QUICK FACTS**

<b>FIACLE</b>	Orlando Neira
<b>SCHOOL</b>	Universidad de La Salle - Bogotá
<b>TEACHES STUDENTS IN</b>	Contact lens course Preliminary Examination Optics of Contact Lenses Corneal Anatomy and Physiology Workshops of CL Fitting Special Fittings
<b>ASSOCIATION AFFILIATIONS</b>	Member of Colombian Association of Optometry
<b>DISTANCE LEARNING PROGRAM</b>	Completed Phase 1, 2003
<b>STUDENT TRIAL EXAMS</b>	Administered the STE in 2004
<b>INDUSTRY SEMINARS</b>	Held seminars at the school in 2004, 2005, 2006, 2007
<b>CONTINUING EDUCATION</b>	Held 33 seminars totaling 100+ hours
<b>PUBLICATIONS</b>	6
<b>JOINED IACLE IN</b>	2001
<b>FIACLE ACHIEVED IN</b>	2002

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OF CONTACT LENS  
EDUCATORS

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