Bits, Bytes, 10 Base T—Digital Imaging
What does it all mean?

If you are interested in learning more about this "new" technology called Digital Imaging (some say it is just a passing fad), or interested in taking your digital system to the next level and finding out what else you can do with it, the OPS Mid-Year meeting in (sunny) Rochester, New York is the place for you to be June 7-9, 1996.

This two and half day meeting will be held at Rochester Institute of Technology's School of Photographic Arts and Sciences. There we will utilize the Electronic Still Photography Computer Laboratory for extensive hands-on workshops. Additionally, access to leading ophthalmic digital systems will be available.

The curriculum will cover the following topics:
- Image Acquisition
- Image Storage and Retrieval
- Output Devices
- Networking and Review Station Options
- Optic Nervehead Analysis
- Retinal and Choroidal Angiography
- ICG Applications and Interpretation
- Ethics and the Manipulated Image

The faculty for this meeting are some of most respected and acknowledged leaders and experts in the field. They include: Joseph Warnicki, Marshall Tyler, CRA, FOPS, Dennis Orlock, CRA, Jamie Nicholl, COPRA, FOPS and Paula Morris, CRA, FOPS.

Enroll soon to insure a place—enrollment is limited to 50 individuals. A complete program outline, including registration materials will be mailed in a few weeks. WATCH FOR IT!!

In the meantime, contact Bill Fischer at (716) 475-2743 or Paula Morris at (801) 581-6219 for additional information. For early registration call Barb McCalley at (800) 403-1677.

ICG Papers and Posters Sought

The OPS is proud to participate in the International Symposium on Fluorescence Angiography to be held in Saint Gallen, France, September 8-12, 1996. As Chairperson of the Poster Session, I am soliciting papers to be presented in the form of posters during this very prestigious meeting. Abstracts should be 150 words long and sent to me by way of telefax (see number below) prior to June 8, 1996. Contents of each poster must present techniques in ICG. Once the abstract has been selected, the author will be requested to send the finished poster to the National Assistant Chairperson who will make the final selections. Awards will be presented during the meeting.

For further information or to telefax abstracts:

Chika Kanagami
Chairman of the Poster Session
International Symposium on Fluorescence Angiography
3-14-10 Hayamiya Nerima-Ku
Tokyo, 179 Japan
Tel: 011-81-33-992-8800 Fax: 011-81-33-992-9441
If you’re like me, the thought of preparing an annual household budget is enough to send you screaming through the streets. Imagine trying to design a budget for an international society of over 1200 members! This is exactly the task assigned to the Financial Committee.

Now Las Vegas may seem an odd place for financial gurus to meet (perhaps their intent was to increase our “odds” for success...) but ironically, it is one of the cheapest areas in the country for a meeting to convene. While they didn’t spot Elvis, they did spend a grueling weekend sifting through the myriad of financial requests from three boards, two publications and over a dozen committee chairs. And, you thought balancing your checkbook was a migraine moment!

The Board of Directors (BOD) met the first weekend in February in San Francisco. This meeting’s primary goal was to review, modify and approve the 1996 working budget for the Society. I am pleased to announce that the fiscal responsibility on the part of our boards and committees has not only kept our budget on track, but also enabled new plans to begin a second year’s reserve account. We can thank Bill Anderson and his team for the fabulous financial success of the Educational Program in Atlanta, the adroit investing on the part of our treasurer, Jeff Sobel, and a spectacular year in the stock market for this good news.

Other matters attended to included: continued planning for the 1998 International Conference on Ophthalmic Photography in Scotland; review of the Sept. 8-12 representation of OPS photographers at the International Symposium on Fluorescence Angiography in St. Gallen, Switzerland; revamping of the Standing Rules regarding regional chapter operations; approval of the 1996 Nominating Committee slate of candidates for BOD/BOE openings; and discussion on the continued efforts to secure a $50,000 National Institute of Health grant to conduct a revolutionary educational program via satellite linkup.

Paula Morris, the BOE liaison was on hand to update the BOD on matters concerning educational programs and the June Advanced Digital Imaging Course in Rochester, NY. Look for your program announce-

ment soon! Terry Tomer, representing the BOC, provided an update on the ongoing National Organization for Competency Assurance project and predictions are that our application should be ready by the end of this year. This is very exciting; the rewards of work over the past seven years in our attempts to have the CRA recognized by a national accrediting agency.

At the close of the meeting on Sunday, Feb. 11, an impressive 22 hours worth of work had been hammered out. I speak with pride when I commend all of the board members and board liaisons for a difficult job well done!

Denise Barsness, CRA COMT
President

New CRAs
(November 1994-October 1995)

Vivian L. Aiosa
Stuart B. Alfred
Julie M. Balza
Richard E. Baseler
Michael K. Betzen
Robert M. Bowen
Joel W. Caplan
Christina M. Consolo
Kip E. Crowell
Thomas C. Davidson
Lon D. Dowell
Colleen P. Gillis
Robert S. Hopkins
Debbie L. Lamb
Jill F. Reynolds
Kidron J. Robertson
Linda Z. Sayner
Leslie A. Sealey
Gary M. Summersville
Trudy E. Thornton
Daniel S. Venezia
Angela M. West
Maria J. Wordhouse
Update on Job Analysis Survey

On Saturday, January 21, 1996, a panel of Subject Matter Experts (SME) gathered to review the results of the recent Job Analysis Survey of Retinal Angiographers. Kate Window, of Applied Measurement Services / Schroeder Measurement Technologies presented a report on the survey to this diverse group of retinal angiographers. Kate complemented the OPS membership, and the profession in general for a great response to the survey. It must have been that deluxe jar opener embossed with the OPS logo that inspired such a good response!

The job analysis survey is an important step toward establishing the validity of the CRA program as required for NCCA accreditation. From this report, new test specifications will be developed. The current CRA examination does not differ significantly from the specifications recommended in the report. Some changes will be needed to reflect the scope of practice demonstrated by the survey results. The subject matter being tested will not change very much. What is more likely to change is how some of these tasks will be tested.

The SME panel reviewed each task from the recommended specification list to determine what type of testing category it fell into. There were four categories: Knowledge, Application, Analysis and Psycho-motor. These distinctions help place each task in the appropriate section of the test. For example, some items previously tested in the practical section of the examination will now be moved to the written section. These changes will contribute to the reliability and efficiency of CRA testing procedures.

The OPS and the Board of Certification would like to thank everyone who responded to the survey. The information gained through your responses will influence the direction of the CRA program. There is still quite a bit of work ahead of us, but we have made significant progress toward our goal of applying for NCCA accreditation. The BOC plans to publish the results of the survey. We will keep you informed of our progress.

Timothy Bennett, COPRA
Board of Certification

The OPS and the BOC would like to thank the following individuals for their time and expertise that they've contributed to this project as Subject Matter Experts on one or both of the SME panels:

Lynda L. Azar, CRA, RN, COT
Susan Bennett, CRA
Timothy J. Bennett, COPRA
Philip K. Chin, CRA, COMT
Earl Choromokos, COPRA, FOPS
Elizabeth Dickinson-Clark, CRA
Geraldine Daley, CRA
William S. Fischer, CRA
Alan Frohlichstein, CRA
Jamie Nicholl, COPRA, FOPS
Harry Rosa, CRA
Terrance L. Tomer, COPRA, FOPS

Congratulations to the Don Wong Award Winner

The OPS is proud to recognize the efforts of Lawrence M. Merin, RBP, FIMI by awarding him the Don Wong Award for the paper “Photographic Truth? Let the Viewer Beware!,” which he presented at the Scientific Session at the Annual Educational Meeting, Atlanta '95!

Larry practices at the Jones Eye Institute at the University of Arkansas for Medical Sciences in Little Rock, Arkansas. He summed up his paper with this abstract:

“Although computer manipulation of photographic images has blurred the distinction between traditional photography and illustration, photographs have never been capable of telling ‘the truth, the whole truth and nothing but the truth.’ As the 20th century concludes, we are still trapped in a naive, 19th century point of view regarding attributes of photography. This has profound implications for the uses of chemical and digital photographic imaging as a method of scientific communication.”

This paper was one of the many fine oral presentations which members prepared for the Scientific and Instrumentation Sessions. Participation is open to all members—please consider presenting a paper next year.

Patrick J. Saine, M.Ed., CRA, FOPS
THE OPS WANTS YOU!!

Remember the "thousand points of light?" Throughout America and the OPS, volunteers contributing their time, energy and ideas make a critical difference in the world we live in, or the profession in which we work.

This first issue of the 1996 OPS Newsletter kicks off a series of articles honoring and recognizing the many committees which makes our society tick. The OPS boasts 28 committees, each performing a particular function or service to the membership. Some committees are active everyday, others are rarely called into action. Some long for your involvement, others are content as they are. But all will deservedly be highlighted in future issues.

SOLICITATIONS COMMITTEE

The function of the Solicitations Committee is to secure funds and support for the annual and mid-year educational meetings through donations from the commercial community. Currently, Paul Paquette is chairman, and in general, committee members serve for two years.

Among the duties and responsibilities of the Solicitations Committee are:

• Communicate with the mid-year and annual meetings' Program Director to determine the approximate costs and how many sponsorships should be solicited. Determine the appropriate acknowledgment and benefits for pledging companies in return for their contributions.

• Maintain/update lists of past, present and potential contributors.

• Contact existing and new companies and obtain pledges before any print deadlines.

• Invoice pledging companies, collect contributions and maintain a log including amount, purpose, and remittance dates, and report to OPS treasurer and the BOD at the annual Business Meeting.

• Send thank you notes to contributing companies.

From chemistry to coffee mugs, cash donations to classroom equipment—there's no question, Paul and his committee did a great job last year in Atlanta!

Particularly if you are located anywhere near Chicago, Paul would like to call on your help to make the next Annual Meeting as successful. Local companies are most apt to want a presence at the 27th Annual Educational Program, and may readily offer their regional support. Please go through your roldex of vendors and call Paul at (310) 498-3402 with any possibilities. He needs to hear from you as soon as possible. Thanks!

***

THE EDITORIAL COMMITTEE
(Formerly the Publications Committee)

"Every misused word revenges itself forever upon a writer's reputation."

If the Editorial Committee had a creed—it might start with this quote by Agnes Repplier in her book Points of Friction. The creed would also include all the principals of composition, elements of style, and the lengthy rules and regulations of the English language. Essentially, the Editorial Committee and its current chairman, Peter Buch, act in an advisory capacity to the many editors and writers of the OPS' published materials. Before any printed materials go to press, the Editorial Committee reviews final drafts, correcting grammatical errors, checking accuracy, and ensuring each publication upholds the OPS's standard of professionalism.

In addition, the Editorial Committee reports to the BOD regarding the need to revise style and/or content of publications; it ensures publication deadlines are met; it submits recommendations to the BOD on all publication production concerns; and oversees the efforts of the Journal's Editorial Board which is responsible for soliciting and reviewing manuscripts.

Adjunct to its responsibilities over printed words and images, the Editorial Committee has also discussed state-of-the-art digital publications such as CD-ROM technology and the Worldwide Web.

New members are always welcome!
Summary of Minutes  
Board of Certification  
Atlanta, Georgia, October 28, 1995

The meeting convened at 8:15 am with welcoming remarks by Terry Tomer. Present were: Terrance Tomer, Sandra Anderson, Lynda Azar, Bruce Busse, Timothy Bennett, Phil Chin, Peter Hay, Jamie Nicholl, William Nyberg, R. McKenzie Timby, and Denise Cunningham.

The minutes of the Mid-Year meeting in Philadelphia from March 24-26, 1995 were approved unanimously. The To-Do list was reviewed and updated.

The Treasurer’s report was reviewed. The BOC has the potential to spend $18,800 in the next three months. This would include such expenses as the second and third payments for the job analysis survey, software and one or two more subject expert meetings. In fiscal year 1995 $28,500 will have been spent on the NCCA project.

A COPRA examination was given at the Miami test sight and was held in conjunction with the CRA exam. This format worked out well and is a cost wise practice to be continued.

Twenty-three applicants successfully achieved their CRA status in 1995. Bill Nyberg reported that the Mentoring Program contacted all persons eligible for the CRA exam in 1995. Any who desired it were connected with a mentor. He will continue to develop the program by developing guidelines, protocols, and material for mentors.

Peter Hay reported that as is often the case, at this time there are only 41 of 146 who have completed the recertification process. There is always a year end surge after the Annual Meeting. Peter sent out post cards as a reminder to applicants and as a means of tracking address changes. Bennett mentioned that he had heard comments that the post cards in 1995 were helpful. Peter is working on changes in the CEC program with Rhonda Curtis of the BOE, and will prepare a report for the mid-year meeting.

An updated publication of the BOC Standing Rules was distributed at this meeting. Azar is concerned regarding the ethics and discipline policies as they apply to the certificants versus those currently in place which apply to the BOC members. Bennett offered to help Azar by obtaining copies of such policies from as many other NCCA approved agencies as possible and then work on a policy from the common thread in them. Bennett and Azar will have an outline for committee work at the mid-year meeting.

The Publications Committee will summarize minutes for inclusion in the OPS newsletter. Revisions to the brochure were discussed and will be addressed at the mid-year meeting. Marketing has taken a back seat to enable all available dollars and time to be spent on the NCCA project.

Phil Chin reported on the progress made by the Qualifications Committee. The definition of work experiences is still necessary. Tomer reiterated the past stumbling blocks. The BOC cannot accredit programs, and there is some question as to the academic accreditation progress. Discussion followed comparing the value of work experience in the real world to class room experience as well as the evaluation systems for each. A vote will be taken at the 1996 Mid-year meeting on the new policy to be formally implemented. All aspects of the debate have been considered and reviewed at great length with the discussions and research that has taken place over the past three years.

In keeping with the Standing Rules, it is necessary to determine the total number of seats on the BOC for 1996. It was unanimously determined to keep the total number of seats on the BOC limited to eleven for the coming year.

Tim Bennett will represent the BOC at the 1995 NOCA meeting this December.

There was a letter from Kate Windham of AMS regarding the job analysis survey. She states that there was a “terrific response” and that the survey was an “astounding success”.

Dates for CRA Exams in 1996 are:  
April 20-21 in Memphis, TN  
August 3-4 in Miami, FL

Dates for COPRA Exams in 1995 are:  
April 21 in Memphis, TN  
August 4 in Miami, FL

The BOC mid-year meeting will be held March 29-31, 1996 in Philadelphia.

The meeting was adjourned at 1:05 pm.

Respectfully submitted,

Jamie Nicholl, COPRA, FOPS  
Chair, BOC Publications Committee
**GRIEVANCE COMMITTEE**

Dear OPS Members,

Some of you may or may not be aware that the OPS has an official grievance policy. As chairman of the Grievance Committee, I'd like to take this opportunity to share with you how this mechanism works. It is my responsibility to accept formal grievances from any member. This should be done in writing to me. I screen and review each grievance to determine its validity and to collect as much relevant information as possible to each grievance.

All grievances are then mediated with the parties concerned. Following this action, I recommend to the Board of Directors any action I feel is appropriate relating to the particular grievance. In some cases, formal BOD review is requested when deemed appropriate.

If any of you have any questions regarding this policy, please do not hesitate to contact me.

Holly Harwood Skolkin, CRA
Chairman, Grievance Committee
St. Joseph Medical Plaza 1
1315 Calhoun, Suite 1205 • Houston, TX 77002
Tel: (713) 659-3937 • Fax: (713) 659-2563

**CODE OF ETHICS COMMITTEE**

The Board of Directors of the OPS has instituted the following Code of Ethics for the Ophthalmic Photographers' Society:

Members of the Ophthalmic Photographers' Society are required to abide by the organizations'' constitution, bylaws, and standing rule.

No member of the society shall act in manner which brings harm to the society or reflects unfavorably on the society.

No member of the society shall misrepresent or misuse the C.R.A., C.O.P.R.A., F.O.P.S., or other credential or awards bestowed by the society.

Officers and committee member will make every effort to avoid the appearance or reality of a conflict of interest where their O.P.S. duties are concerned.

Members shall refrain from product or service endorsements associated with the O.P.S. or their service to the O.P.S.

Violations of this Code of Ethics may result in loss of membership, and all rights in the Ophthalmic Photographers' Society.

This code has been an ongoing effort for several years. In coordination with the OPS provisional membership in JCAHPO, it has been finalized and approved. Grievance issues should still be addressed to the Grievance Committee. Ethical concerns should be brought to the Ethics Committee. I wish to thank Marlene Fishman, FOPS, who began working on this several years ago; Denice A. Barsness, CRA, COMT; Holly Harwood Skolkin, CRA; Janice Franco, CRA; and R. Mackenzie Timby, Jr., FOPS, CRA for their work on this committee.

Alan Frohlichstein, CRA, BFA, BS
Chairman, Ethics Committee

**BOD NOMINATING COMMITTEE**

The Board of Directors Nominating Committee has representation from all three OPS boards, and their goal is to help select nominees for the official BOD ballot. The following list is the current slate of candidates that were recently approved by the BOD at their meeting in San Francisco. These names will be placed on the official ballot for the upcoming election of the Board of Direction.

Additional nominations will be accepted by Peter Buch, Nominating Committee Chairman and OPS secretary until April 20, 1996, via appropriate petition signed by four active members. Anyone wishing to submit petitions for any office of the BOD, please contact:

Peter Buch, CRA
Chairman Nominating Committee
ECMC Eye Clinic
462 Grider Street • Buffalo, NY 14215
Tel: (716) 898-3943 • Fax: (716) 898-3343
OPS Fellows Elect New Members

At their yearly meeting, held during the Annual Educational Program, the Fellows of the OPS welcomed two new members. Pat Saine and Jeff Sobel had been duly elected previously in 1995 by the first official mailed-in ballots. Both Pat and Jeff are long-term members of the OPS who have served the Society well.

Pat has been a member of the OPS since the early 1980s, and earned the CRA certification in 1983. His dedication to the Society is evidenced by the many ways he has served the OPS. Pat has a Master of Education degree in Educational Technology and we have often called upon his expertise in that area. Pat served on the Board of Education and has been an instructor for OPS educational programs over a dozen times. Ophthalmic photography has benefited from Pat’s love of learning and educating through the many articles he has written and published. Besides serving on the editorial Board of the Journal of Ophthalmic Photography, he has contributed and published 11 articles in that publication alone. Editing a new textbook of ophthalmic photography is just the next step for this enthusiastic author.

Athletes from all over the world will soon be converging on Atlanta for the summer Olympics, however, Atlanta boasts a local athlete of its own—our own James Gilman. Few members know that he is a gifted athlete in his own right, despite reconstruction of his rotary cuff several years ago. That hasn’t stopped him from competing in Ultimate Frisbee competitions, skiing, running and mountain biking at his summer cabin in the Appalachian mountains outside Atlanta.

Jim works hard and likes to play hard too. During the week you will have to keep a lively pace to catch him at Emory Eye Clinic where he is Director of Ophthalmic Photography. This prestigious teaching hospital makes good use of Jim’s RIT degree in Biomedical Communications as he is heavily involved in the creation of education videos and digital telemedicine. His list of publications and photo credits are too numerous to list—suffice to say that Jim burns a lot of late night oil.

He was recently included as an author in the American Journal of Ophthalmology, “Selective Use of ICG for Occult Choroidal Neovascularization,” and Archives “Anaphylactic Shock Following ICG.”

Looks like the right man was chosen to head the OPS team going to Saint Gallen in September to participate in the ICG component of the International Symposium of Fluorescence Angiography. Fortunately, his girlfriend, Joanne supports his frenzied pace as in his spare time he also runs his own business producing 3-D animations for video teaching tapes called Medigraphics; this in addition to spending many weekends a year to participate in the JMC Eye Photo Seminars. Joanne, you must be very understanding! It is with great pride that I call this interesting individual Jimalaya, as well as friend!

Written by Denice Barsness
In Memorium of Glenn Ogden Frazier, FOPS
1920 - 1995

In 1964, Ogden Frazier was working as a machinist in Iowa City when Lee Allen offered him a position as a photographer trainee in the ophthalmology department, University of Iowa. He accepted and as time went by, he proved to Lee that he was a man who could move from one career to another with relative ease. In fact, he continued to use his background as a machinist to produce custom photo accessories for the photography section and also built accessories for others in the department. At the same time, he collaborated with Lee to produce multiple ophthalmic photography oriented papers and exhibits.

Among several awards is First Place for an exhibit at the AMA in 1966.
He was a founding member of our society (1969), and served as vice president (1971), president of the OPS (1972), and he was elected an Honorary Life member in 1989.

In addition to being an outstanding ophthalmic photographer and machinist, he was an accomplished pianist and I can personally attest to the fact that he played billiards at a professional level.

In December of 1995, Glenn Odgen Frazier passed away. He is survived by his devoted wife, Karleen; by his daughter, Sandra Frazier Byrne; by his son Lynn Frazier; by one brother, Lynn E. Frazier; and by four grand children.

He was a good friend and will be missed!

Respectfully submitted,
Johnny Justice, Jr. CRA, FOPS

Eulogy for
Mrs. Klyoko Kanagami

I remember a woman of grace and kindness, a warm smile that would light up a room. With a look, Klyoko would make all of us feel welcome; language barriers would vanish.

I met Klyoko in May 1986 during the first International Meeting of the Ophthalmic Photographers’ Society in Rome, Italy. The wife of Sadao Kanagami, mother of Chika and June Kanagami, grandmother of two, and adoptive mother to so many of us. I was the lucky one, so many times she welcomed me with open arms in her country and her home.

On the morning of January 4, 1996 at 9:02 in Tokyo, Japan. Mrs. Klyoko Kanagami lost her long battle with cancer. She fought valiantly until the very end. Her kindness left seeds in all of us that will continue to flourish. When I close my eyes I see Klyoko keeping a watchful eye on all of us.

Bernard C. Szirth

A Note from the Editor:

Just a quick thank you to all who helped me in 1995. With all of our busy schedules, I truly appreciate the timely submissions and returned phone calls.

A special thanks goes to Denice Barsness for taking the time and initiative to write a great little exposé on Jim Gilman. Her efforts kicks off the “Member Profile” column—where we hope to spotlight one OPS member in each issue. I’m sure each one of us knows of one fellow member whose work and life deserve special notice.

Also, the committee review section will be another ongoing effort to increase the exposure of the work that goes on behind the scenes…and perhaps trigger some new participation.

Again, many thanks! I look forward to 1996 as being a productive and interesting year.

John DuBois, CRA
Professional Opportunities

Ophthalmic Photographer: The John Moran Eye Center, University of Utah Hospital, is looking for an experienced photographer to perform all photography department tasks. Should be skilled in fundus photography, angiography, photo slip-lamp biomicroscopy, specular photomicrography, all aspects of B/W darkroom work, all types of copy work, and OR photography and videography. Applicants should have a strong general photography background. To apply send résumé to Cindy Nichols, University of Utah Hospital Human Resources, 421 Wakara Way, Suite 140, Salt Lake City, UT 84108. For more information, call (801) 581-2300.

For Sale:
- 181 boxes (50 count) of Realist Stereo Masks #2120.
- 140 boxes (100 count) stereo protectors
Make offer to the: Kellogg Eye Center, University of Michigan Hospital by calling (313) 763-4498.

CORRECTIONS

CERTIFIED RETINAL ANGIOGRAPHER
March 22 Portfolio Deadline
April 5 Application Deadline
April 20-21 CRA Exam, Memphis, TN
Contact: R. MacKenzie Timby, CRA, FOPS
(616) 373-8803

A special thank you to Fran McIver and Cindy Ramsey for your help in monitoring classrooms at the Annual Meeting in Atlanta.

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Call: Mike Justice - (800) 842-1574 - Fax (901) 683-8044
e-mail: Justiceop@aol.com

OPHTHALMIC PHOTOGRAPHERS' SOCIETY

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Newsletter Submission Deadlines:
April 1, 1996
June 1, 1996
August 1, 1996
October 1, 1996
December 1, 1996