

Official Journal of the American Society of Ocularists

## **JOURNAL OF**

# OPHTHALMIC PROSTHETICS

VOLUME 10 • NUMBER 1

FALL 2005\_

ISSN 1091-2983

ISBN 1-886236-48-8

#### **EDITORIAL**

iv President's Message

v From the Senior Editor

vi Announcements

#### **ARTICLES**

- 1 Retinoblastoma: A Review of Current Treatment Strategies William F. Deegan III, M.D.
- 11 The Durette Ocular Implants, Acrylic Revisited *Jean-François Durette*, B.C.O., B.A.D.O.
- 15 Asian Blepharoplasty and the Caucasian Eyelid Structure *Joanetta Guzman*
- 25 Bilateral Evisceration: A Case Report
  William K. Blaylock, M.D.; Suzanne Johnston, M.D.;
  Michael O. Hughes
- 25 Ocularists' Collaboration with Forensic Science Heather Banfield, B.C.O., B.A.D.O.; Michel Fournier, Sergeant, R.C.M.P.
- 25 The National Examing Board of Ocularists (1980 to early 1982): A Chronology Raymond C. Jahrling, B.C.O., F.A.S.O.

#### **DEPARTMENTS**

37 News:

My Work as Eyemaker: The First 55 Years Clyde Andrews

47 Submission Guidelines

49 Index of Articles:

Today's Ocularist, Journal of the American Society of Ocularists, Journal of Ophthalmic Prosthetics The Journal of Ophthalmic Prosthetics (ISSN 1091-2983) is published annually by ABI Professional Publications, P.O. Box 149, St. Petersburg, Florida 33731, by arrangement with the American Society of Ocularists, the owners of the Journal and all rights thereto.

Copyright 2005 by the American Society of Ocularists.

The Journal of Ophthalmic Prosthetics has been created to provide a forum for the publication of original articles containing clinical and research information for professionals who serve patients that have suffered eye loss. The primary emphasis is on ocularistry, the science, art, and craft of making artificial eyes; additional areas of interest include articles from related professions involved in the goal of rehabilitating the anophthalmic patient, including ophthalmic plastic surgery, patient counseling, anaplastology, and optics. Articles may relate to either current or historical information concerning techniques, materials, and proceedures that have a clinical application.

#### SUBSCRIPTION INFORMATION

Single copy price for the Journal is US\$35.00/copy for North American orders and US\$45.00 overseas. North American Subscriptions are offered on an annual basis at US\$30.00 a year. Overseas subscription price (including air shipping) is US\$40.00. All Payment should be in US\$, and may be by check, postal money order, or Visa/MC.

To subscribe send your name address and payment to:

ABI Professional Publications P.O. Box 149 St. Peterburg, FL 33731

Phone (727) 556-0950 Fax (727) 556-2560 Toll Free in North America (800) 551-7776

#### Rights, Reprints, and Back Issue Sales

Please contact ABI Professional Publications, P.O. Box 149, St. Petersburg, Florida 33731. Phone (727) 556-0950.

#### Manuscript Guidelines

Manuscript Guidelines for the *Journal* are available at the back of most issues of the *Journal*; at the ABI web site, www.abipropub.com; or by calling (727) 556-0950.

#### Liability Disclaimer

While every effort is made to insure accuracy and correctness of articles, publication of an article is not an endorsement of the research, techniques, or results reported in the articles. The statements and opinions in the articles of this journal are solely those of the authors and are not necessarily those of ABI Professional Publications, the American Society of Ocularists, or the editors, staffs, and associates of the *Journal*. No endorsement of any product, material or supplier should be inferred or assumed by appearance of advertising in the *Journal*, and such appearance is not a warrenty, endorsement, or approval of the products by ABI Professional Publications, the American Society of Ocularists, or the editors, staffs, and associates of the *Journal*.

1

# JOURNAL OF OPHTHALMIC PROSTHETICS

#### VOLUME 10, NO. 1

FALL 2005

Official Journal of the American Society of Ocularists, formerly titled *Journal of the American* Society of Ocularists

ISSN 1091-2983 ISBN 1-886236-48-8

Published by ABI Professional Publications P.O. Box 149 St. Petersburg, FL 33731 Tel: (727) 556-0950 Fax: (727) 556-2560 Web site: www.abipropub.com

Senior Editor: Michael Hughes Atificial Eye Clinic of Wasington, D.C. 307 B Maple Ave., West Vienna, Virginia 22180 Tel: (703) 352-3520

Advertising Editor: Robert S. Thomas Jr., B.C.O. Thomas Ocular Prosthetics Lab, Inc. 1900 Kirby Parkway, Suite 102 Memphis, TN 38138 Tel: (901) 753-4724

American Society of Ocularists
Executive Director:
Toni Zappone
P.O. Box 608
Earlysville, VA 22936-0608
Tel: (434) 973-4066
Fax (703) 940-4049
Toll Free (866) 973-4066
(U.S. and Canada only)
Email: aso@ocularist.org

### **Editorial Board**

William K. Blaylock, M.D. Eastern Virginia Medical School Norfolk, Virginia

Adam J. Cohen, M.D. Southfield, Michigan

Marie Allen Drennan, B.C.O. Vacouver, British Columbia Canada

Michael O. Hughes Artificial Eye Clinic Vienna, Virginia

Walter Johnson, B.C.O. Denver Optic Company Denver, Colorado

David G. LeGrand, B.C.O. LeGrand Associates Chesapeake, Virginia

Joseph A. LeGrand, B.C.O. LeGrand Associates Philadelphia, Pennsylvania

Ian McRobbie, B.C.O. LeGrand Northwest Ocularists Edmonton, Alberta Canada William R. Nunery. M.D. Indiana University Indianapolis, Indiana

Carol L. Shields, M.D. Wills Eye Hospital Philadelphia, Pennsylvania

Wm. Randall Trawnick, B.C.O. Dallas Eye Prosthetics Dallas, Texas

Robert Weiss, M.D. Chicago Eye Institute Chicago, Illinois

Shirley Weyland, B.C.O. Calgary, Alberta Canada

James G. Willis, B.C.O. LeGrand Northwest Ocularists Edmonton, Alberta Canada

## President's Message



his may seem like just another issue of the Journal of Ophthalmic Prosthetics. It is actually an accomplishment, quite an accomplishment! Every writer gave their journal article countless hours of creativity, brain-picking, searching, rewriting, self-questioning, and plain energy. It is also a window for all to see inside our society, the American Society of Ocularists. The ASO is dedicated to research and education. Our education program is unique in the world. Many of our members are from all over the world. As the Journal evolved, so did the ASO. Offering more to more people is the key phrase.

As your president, I have the honor to serve you, but I am not alone on the job. Being more involved than ever with our society, I am astounded at the number of fine and dedicated volunteers responsible for the many tasks in the many committees. This journal is one of the accomplishments of our very capable members.

Jim Willis asked to be replaced as our senior editor. Jim gave us seven years of his energy as our senior editor and almost two decades as an active member of the editorial board of our Journal. Jim goes back to a time when Joe LeGrand, Sr., then our senior editor welcomed him. We thank Jim for continuing to carry the flame and for carrying it further. Here's to you Jim. Salute, Jim!

This issue marks the entrance of a new senior editor, Michael O. Hughes. Michael has been active with our journal for the past seven years. He is full of energy and loves doing this kind of work. Over the years, he has contributed many excellent articles. He is a hard worker. But even with the work of the Journal's editorial staff, he can't produce an issue without your help.

We need you to continue reading and learning from our journal, and we need you to write an article. We would love to see more authors submit new and innovative papers. Start with one and see how you like it. It will be a lot of work, but it will be quite an accomplishment.

Jean-François Durette, B.C.O., B.A.D.O.

## From the Senior Editor



ccepting the senior editor's position earlier this year seemed like a good idea as I have always enjoyed reading the *Journal of Ophthalmic Prosthetics*. In previous years, I have anxiously awaited its delivery and (usually) read the entire journal the same day I received it. It is undoubtedly a top source for information regarding our unique profession. Only after taking on the "job" of senior editor, however, did I truly come to appreciate the many talented people who have helped create the journal, especially the writers.

I have been humbled by the enthusiastic support from our president, Francois Durette, and from Heather Banfield, our co-chairman on the education committee. Robert Thomas and the editorial board have responded to all my requests. The Journal's publisher, Art Brown, has always been accessible to my many questions and has produced a consistent, professional journal. We are lucky to have him.

Jim Willis, the former senior editor, needs to be recognized for his past work on the journal. He has held most positions involved in the journal in his 18 years of contributions. He has stayed on the Editorial Board and has fielded every question and concern I have asked in his steady, professional manner. Thanks, Jim.

I appreciate the opportunity to assist in generating *your* journal, and I eagerly anticipate feedback from the society on ways to improve it. What is the point of having experience, knowledge and talent if we do not share them? It is the giving and sharing of information that connects us with others in our profession. Ultimately, our patients are the benefactors.

Michael O. Hughes Senior Editor Journal of Ophthalmic Prosthetics

### **Announcements**

▶ 2006	Mid-Year Meeting, May 19-24, Ft. Lauderdale, Florida
▶ 2006	Annual Meeting, November 11-16, Las Vegas, Nevada
	(In conjunction with the AAO meeting)
▶ 2007	Mid-Year Meeting, TBA
▶ 2007	Annual Meeting, November 10-15, New Orleans, Louisiana
	(In conjunction with the AAO meeting)
▶ 2008	Mid-Year Meeting, TBA
▶ 2008	Annual Meeting, Atlanta, Georgia (In conjunction with the AAO
	meeting)

The American Society of Ocularists is an international, non-profit, professional and educational organization founded in 1957 by technicians specializing in the fabricating and fitting of custom artificial eyes.

The organization's purpose is to improve and promote research in the development of ophthalmic prosthetics, to advance the methods, techniques, and skills of the ocularist membership, and to provide the public with continual improvement in all fields and activities in which ocularists engage. Our members adhere to the Society's Standard Operating Procedures for the fitting and fabrication of custom-made ophthalmic prosthetics.

Research, education, and standards form the benefits to our members. Persons presently working in ocularistry, or engaged in an ancillary business or profession, may apply for membership.

A training curriculum, developed and administered by the Education Committee of the ASO, provides courses at semi-annual conferences to prepare ocularists for certification and re-certification examinations of the National Examining Board of Ocularists.

For further information, please contact:

The American Society of Ocularists

P.O. Box 608

Earlysville, VA 22936-0608

Tel: (434) 973-4066 Fax: (703) 940-4049

Toll Free: (866) 973-4066 (U.S. and Canada only)

Email: aso@ocularist.org