



focus on collaboration:
A STRONG SPIRIT OF COLLABORATION LEADS TO
IMPORTANT SCIENTIFIC DISCOVERIES

• DMEI •
inVIsion

A PUBLICATION OF THE DEAN MCGEE EYE INSTITUTE

vision care
research
education
community

DMEI clinical directory

Oklahoma Health Center

DMEI Pavilions A & B ■ 608 Stanton L. Young Blvd. ■ Oklahoma City, OK 73104

Comprehensive Ophthalmology/ Cataract Surgery

(405) 271-1090 ■ (800) 787-9012
Cynthia A. Bradford, M.D.
Layne E. Goetzinger, M.D.
David W. Jackson, M.D.
Theresa A. Larson, M.D.
Deana S. Watts, M.D.

Contact Lenses

(405) 271-6084 ■ (800) 787-9012
Carri L. Ferguson, F.C.L.S.A.
Contact Lens Specialist
Jean Ann Vickery, F.C.L.S.A.
Director, Contact Lens Services

Cornea and External Disease

(405) 271-1095 ■ (800) 787-9017
Alex W. Cohen, M.D., Ph.D.
Rhea L. Siatkowski, M.D.
Donald U. Stone, M.D.

Glaucoma

(405) 271-1093 ■ (800) 787-9015
Mahmoud A. Khaimi, M.D.
Steven R. Sarkisian, Jr., M.D.
Gregory L. Skuta, M.D.

LASIK Surgery

(405) 271-2500 ■ (877) 406-4193
Alex W. Cohen, M.D., Ph.D.
David W. Jackson, M.D.
(580) 250-5855
Jean R. Hausheer, M.D., F.A.C.S.

Low Vision Rehabilitation

(405) 271-1793 ■ (800) 787-9012
Rebecca K. Morgan, M.D.

Neuro-Ophthalmology

(405) 271-1091 ■ (800) 787-9013
Bradley K. Farris, M.D.
Anil D. Patel, M.D.
(405) 271-1094 ■ (800) 787-9016
R. Michael Siatkowski, M.D.

Ocular Prosthetics

(405) 271-3391 ■ (800) 787-9012
Nancy A. Lambert, B.C.O.

Oculoplastic Ophthalmology

(405) 271-1096 ■ (800) 787-9018
P. Lloyd Hildebrand, M.D.
Annie Moreau, M.D.

Optical Services

(405) 271-6174 ■ (800) 787-9012

Optometry

(405) 271-1090 ■ (800) 787-9012
Dana M. Garber, O.D.
Brandalyn D. Loyko, O.D.
Jessica L. Lucas, O.D.

Pediatric Ophthalmology/Strabismus

(405) 271-1094 ■ (800) 787-9016
R. Michael Siatkowski, M.D.
Tammy L. Yanovitch, M.D., M.H.Sc.

Retina/Vitreous

(405) 271-1092 ■ (800) 787-9014
Reagan H. Bradford, Jr., M.D.
Stephen R. Fransen, M.D.
Ronald M. Kingsley, M.D.
Robert E. Leonard II, M.D.
Vinay A. Shah, M.D.

Stephenson Laser Center

(405) 271-2500 ■ (877) 406-4193

Trauma/Emergency

(405) 271-6060 ■ (800) 787-9012

Uveitis

(405) 271-1090 ■ (800) 787-9012
Theresa A. Larson, M.D.
(405) 271-1095 ■ (800) 787-9017
Donald U. Stone, M.D.

McGee Eye Surgery Center (MESc)

Harold Hamm Diabetes Center ■ 1000 N. Lincoln Blvd., Suite 150 ■ Oklahoma City, OK 73104

(405) 232-8696

Dean McGee Eye Institute Satellite Locations

EDMOND

1005 Medical Park Blvd., 73013
(405) 271-0913

Comprehensive Ophthalmology/ Ophthalmic Surgery

Theresa A. Larson, M.D.

Comprehensive/Neuro-Ophthalmology

Anil D. Patel, M.D.

Contact Lens Services

Jean Ann Vickery, F.C.L.S.A.

Oculoplastic Ophthalmology

Annie Moreau, M.D.

Optometry

Angela M. Plant, O.D.

Optical Services

(405) 271-0909

NORTHWEST OKC

3500 N.W. 56th, #101, 73112
(405) 942-9545

Comprehensive Ophthalmology/ Ophthalmic Surgery

Ralph B. Hester III, M.D.

Contact Lens Services

Carri L. Ferguson, F.C.L.S.A.

Optometry

Tasha J. Schellenberg, O.D.

Optical Services

(405) 271-9506

LAWTON

3201 W. Gore Blvd., #200, 73505
(580) 250-5855

Comprehensive Ophthalmology/ Ophthalmic Surgery

Jean R. Hausheer, M.D., F.A.C.S.
Ann A. Warn, M.D., M.B.A.

Optical Services

(580) 585-5425

Dean McGee Eye Institute

Home to the Department
of Ophthalmology of the
University of Oklahoma
College of Medicine

DMEI President and CEO
Edward L. Gaylord Professor and Chair
Department of Ophthalmology
University of Oklahoma
Gregory L. Skuta, M.D.

DMEI Executive Vice President
DMEI Chief Operating Officer
Administrator, Department of Ophthalmology
Matthew D. Bown

DMEI Vice President
Patient Accounts
Compliance and Privacy Officer
Loretta Y. Yazdanipana

DMEI Vice President
Development
Lana G. Ivy, M.B.A.

Controller
Kimberly A. Howard

Co-Editors
Lana G. Ivy, M.B.A.
Gregory L. Skuta, M.D.

Senior Contributor
Melody A. Marcum, M.H.R.

Contributors
Nicole M. Glenn
Lana G. Ivy, M.B.A.
Melody A. Marcum, M.H.R.
Gregory L. Skuta, M.D.

Feature Writer
Judy Kelley

Design and Layout
Funnel Design Group

Photography
Russ Burris
John Jernigan
University of Oklahoma

DMEI InVision is published twice a year by the
Dean McGee Eye Institute.

*For more information about this publication or
to be placed on the mailing list, please contact
the Development Office:*

Dean McGee Eye Institute
608 Stanton L. Young Blvd., Suite 346
Oklahoma City, OK 73104
(405) 271-7801

DMEI InVision is online at: www.dmei.org



©2012 Dean McGee Eye Institute

• DMEI • inVision

FALL 2012

IN THIS ISSUE

invisions

2 president's view

4 news

- Lt. Gov. Lamb and House Speaker-Designate Shannon Tour DMEI
- Community Education
- Elizabeth Zoernig Visit
- DMEI Selects ifa EHR Software
- State Senators Visit DMEI

7 faculty & staff

- Siatkowski Receives Regents' Award
- Faculty & Staff Awards & Activities
- Patents Issued 2012

11 research

- Outstanding Scientific Achievements
- Dr. Mandal Earns NIH Research Grant
- RPB Grant Awarded
- Innovator Dr. James F. McGinnis
- DMEI Winners at GREAT Symposium

14 education

- 36th Annual Resident & Alumni Meeting
- 2012-2013 New Residents & Fellows
- DMEI's International Reach
- Save the Date 2013 Symposium/Meeting
- Global Eye Care Program in Swaziland Africa
- 21st Annual Walter J. Stark Memorial Lectureship

donors

18 philanthropy update

- Preserving the Future
- Capital Campaign Donors
- Acers Society
- Annual Donors

feature focus

28 campus collaborations lead to discoveries

last look

32 lake murray

FRONT COVER PHOTO:

Pictured left to right (front row): Michael H. Elliott, Ph.D., Robert E. "Gene" Anderson, M.D., Ph.D., (back row): Gennadiy Moiseyev, Ph.D., Robert A. Floyd, Ph.D.

THE VALUE OF COLLABORATION

TEAM IS ONE! THIS OKLAHOMA CITY THUNDER SLOGAN RESONATED well with Oklahomans as they proudly cheered the team's extraordinary rise to a berth in the National Basketball Association (NBA) Finals in only its fourth season in our vibrant city.

The concept of team has been inherent in the pioneer spirit of Oklahoma. It also has been critical to the success of the Dean McGee Eye Institute (DMEI) and its patient care, vision research, and educational programs over the past 37 years. Thanks to the hundreds of "team members" who contributed to our recent Capital Campaign, we were able to complete construction of our new Pavilion and Inasmuch Foundation Atrium as well as renovations of our original building.

This desire to help each other in a spirit of collaboration also translates into the Eye Institute's and the University of Oklahoma (OU) Department of Ophthalmology's relationships with other departments and colleges at the OU Health Sciences Center (OUHSC) and



Gregory L. Skuta, M.D.

organizations located in the Oklahoma Health Center. A great amount of vision research is conducted within the laboratories of the Dean McGee Eye Institute, which is why our Department is among the nation's leaders in National Institutes of Health (NIH) and Research to Prevent Blindness (RPB) funding. However,

research related to the eye also is underway in the Departments of Cell Biology, Internal Medicine, Microbiology and Immunology, and Physiology, and in the College of Pharmacy. In fact, almost 25% of all of the R01 grants (the most common major NIH grants for individual scientific investigators) awarded on this campus are devoted to vision research, and in 2010, more grants at OUHSC were funded by the National Eye Institute than any other Institute from the NIH.

This culture of collaboration is the focus of this edition of *InVision's* feature story.

You are invited to learn more about our joint efforts with the Oklahoma Medical Research Foundation (OMRF), the Harold Hamm Diabetes Center (HHDC), and others. In working with the Diabetes Center, one of our collaborative goals includes the recruitment of world-class researchers committed to better understanding and ultimately eliminating blindness that can result from advanced diabetic retinopathy. Such bold objectives cannot be accomplished in academic silos, but must engage basic scientists and clinicians from across and even beyond this campus working together with vigor, innovation, and imagination.

In reaching beyond OUHSC, Dr. Robert "Gene" Anderson, our Director of Vision Research and one of the premier vision scientists in the world, and other members of our faculty

A spirit of collaboration has been and will continue to be a key element...

have established professional and personal relationships that span this continent and the globe with the hope of reducing the risk of visual loss from retinal degenerative disease,

infectious and inflammatory processes in the eye, and other conditions. Every year at the annual meeting of the Association for Research in Vision and Ophthalmology (ARVO), the largest ophthalmic research organization in the world, a gathering hosted by DMEI is attended by numerous other national and international leaders in vision research because these scientists understand and embrace the importance of collaboration.

Although the feature story focuses on vision research, a spirit of collaboration also has been and will continue to be a key element of our educational and clinical culture as we train future leaders and seek better diagnostic and therapeutic modalities and even cures for potentially blinding diseases. With that culture secure and growing, we can hardly wait to discover the wonderful possibilities that lie ahead!



Gregory L. Skuta, M.D.
President and Chief Executive Officer
Dean McGee Eye Institute
Edward L. Gaylord Professor and Chair
Department of Ophthalmology
University of Oklahoma College of Medicine

OKLAHOMA'S LIEUTENANT GOVERNOR TODD LAMB AND HOUSE SPEAKER-DESIGNATE REPRESENTATIVE T.W. SHANNON Tour the Dean McGee Eye Institute



Lieutenant Governor Todd Lamb (right) listens as Matthew D. Bown, DMEI Executive Vice President and Chief Operating Officer, explains the new building construction project.



Those in attendance to visit with Lieutenant Governor Lamb during his May 21 tour included left to right: Matthew D. Bown, DMEI Executive Vice President and Chief Operating Officer, Cynthia A. Bradford, M.D., Ralph B. Hester III, M.D., Lieutenant Governor Todd Lamb, Gregory L. Skuta, M.D., DMEI President & CEO, and Lana G. Ivy, DMEI VP of Development (not pictured).



On March 29, Oklahoma House Representative T.W. Shannon, who is the House Speaker-Designate, took time to tour the Eye Institute. Pictured left to right are: Gregory L. Skuta, M.D., DMEI President & CEO, Representative T.W. Shannon, Dianne Rasmussen, LLC, and Matthew D. Bown, DMEI Executive Vice President and Chief Operating Officer.

community EDUCATION

STUDENTS AND EDUCATORS FROM ACROSS OKLAHOMA TOUR the Eye Institute to learn more about the anatomy of the eye while observing the dissection of a pig's eye, the various diseases that affect the eye, procedures such as LASIK, the creation and fitting of prosthetic eyes, and the specialized contact lens care provided for patients with complex eye conditions. The tours generally take two hours to complete.

Over the last six months, DMEI has hosted over 172 students and educators from Tri-City



Melody Marcum, DMEI Director of External Relations and Development, instructs students about various parts of the eye.

Home Educators, Northwestern Oklahoma State University Rural Health Projects, University of Oklahoma Prospective Students, and East Central University Upward Bound (Ada, Oklahoma). “The completion of the new building has allowed us to resume this service to the public, and we are delighted that interest continues among students and teachers to learn more about us,” says Melody Marcum, DMEI Director of External Relations and Development. ■



Elizabeth Zoernig, long-time Executive Assistant to Dean A. McGee, Kerr-McGee Oil, poses by the new sign for the parking facility named in her honor.

DMEI LAUNCHES NEW WEBSITE
check out our new look and changes at
www.dmei.org



DMEI Selects ifa EHR Software

LEADERS, FACULTY, AND STAFF of the Dean McGee Eye Institute have selected ifa Systems as their Electronic Health Record (EHR) software after a comprehensive 24-month market analysis. The implementation is being led by P. Lloyd Hildebrand, M.D.

“The Board and the entire team at ifa united i-tech are honored by the decision of the Dean McGee Eye Institute to choose ifa Systems as its EMR application,” said Rainer Waedlich, Chairman of ifa Systems AG. “We are committed to the project and will establish, together with the DMEI team, a ‘Center of Excellence’ for Health IT in Ophthalmology.”



The ifa Group of Companies is a professional Health IT provider dedicated to ophthalmology. With more than 10,000 user licenses worldwide, ifa is a leading provider for Electronic Medical Record (EMR) systems for eye care professionals. The United States represents the most rapidly growing market for Electronic Health Records due to the recent government stimulus incentives. ■



In March, DMEI welcomed Oklahoma Senator *Kim David, Chair of the Senate's Appropriations Subcommittee on Health and Human Services (HHS), Senator Sean Burrage, Democratic Floor Leader, and Senator Greg Treat, HHS Subcommittee Vice Chair, for a tour of the Eye Institute. Pictured above in the new DMEI laboratories are: Gregory L. Skuta, M.D., DMEI President & CEO, Senator Kim David, Senator Sean Burrage, Senator Greg Treat and Matthew D. Bown, DMEI Executive Vice President and Chief Operating Officer.*

FACULTY & STAFF AWARDS AND ACTIVITIES



DR. R. MICHAEL SIATKOWSKI, the James P. Luton Professor, Vice Chair for Academic Affairs and Residency Program Director in the University of Oklahoma (OU) Department of Ophthalmology, was named a recipient of the Regents' Award for Superior Teaching at this year's OU Health Sciences Center faculty award presentations in April. The awards were presented by Dr. Leslie Rainbolt-Forbes, current chair of the OU Board of Regents and a member of the family after whom the DMEI's Rainbolt Family Center for Pediatric Ophthalmology and Strabismus is named.

Dr. Siatkowski has mentored medical students, residents and fellows in the College of Medicine for 13 years. He is a Director of the American Board of Ophthalmology, serves as Vice Chair of the Residency Review Committee for Ophthalmology, and received the Edward and Thelma Gaylord Faculty Honor Award in 2001, 2006, 2010, and 2011. Dr. Siatkowski is a member of the American Ophthalmological Society, a leader in the American Association for Pediatric Ophthalmology and Strabismus, and active in programs of the American Academy of Ophthalmology.

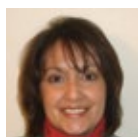
Drs. Cynthia Bradford and Bradley Farris, also Professors in the Department of Ophthalmology, received Regents' Awards for Superior Teaching in 2011.



MARTIN-PAUL AGBAGA, PhD, was promoted to Assistant Professor of Research in the University of Oklahoma College of Medicine's Department of Ophthalmology. In 2012, Dr. Agbaga has published a scientific paper in the *Journal of Lipid Research*.



ROBERT E. ANDERSON, MD, PhD, was the recipient of the 2012 Paul Kayser International Award in Retina Research in July. See page 11 to learn more. In 2012, Dr. Anderson has published scientific papers in the *Journal of Lipid Research*, *PLOS ONE*, *Advances in Experimental Medicine and Biology*, and *Molecular Vision*.



MICHELLE C. CALLEGAN, PhD, was promoted to Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology. In 2012, Dr. Callegan has published scientific papers in the *International Journal of Inflammation*, *Ophthalmology*, *InTech Open Access*, and *Investigative Ophthalmology & Visual Science*.



DANIEL J.J. CARR, PhD, will serve on the IM (Immunology/Microbiology) section for the Association for Research in Vision and Ophthalmology's Program Committee for the next three years. In 2012, Dr. Carr has published scientific papers in *Mucosal Immunology*, *Clinical and Developmental Immunology*, *Journal of Virology*, and the *Journal of Immunology*.

FACULTY & STAFF AWARDS AND ACTIVITIES



MICHAEL H. ELLIOTT, PhD, co-published an article in the *Journal of Biological Chemistry* in March, 2012. The publication provides key evidence that caveolin-1 plays a vital role in healthy eye function, especially in the blood-retinal barrier. Additionally, in 2012, Dr. Elliott published a scientific paper in *Investigative Ophthalmology & Visual Science*.



CARRI L. FERGUSON, FCLSA, is the current President-Elect of the Contact Lens Society of America (CLSA) and will become President of CLSA in April, 2013.



JEAN R. HAUSHEER, MD, FACS, served as an oral examiner for the American Board of Ophthalmology in June, 2012 in San Francisco. She is now the Secretary-Treasurer for the Oklahoma Academy of Ophthalmology.



RALPH B. HESTER III, MD, was promoted to Clinical Assistant Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology. He also received the Edward and Thelma Gaylord Faculty Honor Award during the 36th Annual OU Resident & Alumni Meeting held in Oklahoma City in June, 2012.



P. LLOYD HILDEBRAND, MD, served as a reviewer from June, 2011 to June, 2012 for the Association of American Medical Colleges in partnership with the American Dental Education Association and the MedEdPORTAL® team. He was named to the Board of Directors for the Oklahoma Bioscience Association (OKBio) in May, 2012.



MAHMOUD A. KHAIMI, MD, was promoted to Clinical Associate Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology. He serves as an Associate Editor for a new glaucoma book, *Essentials of Glaucoma Surgery*, which was published in June, 2012.



RONALD M. KINGSLEY, MD, made two presentations, "Intravitreal Injections for Diabetic Macular Edema" and "Treatment of Central Serous Chorioretinopathy" at the Sino-American Ophthalmology Congress in Chengdu, China in June, 2012.



NAWAJES A. MANDAL, PhD, was promoted to Assistant Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology. In 2012, Dr. Mandel published scientific papers in the *Journal of Lipid Research*, *PLOS ONE*, *Advances in Experimental Medicine and Biology*, *Molecular Vision*, and *Mucosal Immunology*.



STEVEN R. SARKISIAN, JR., MD, was an Invited Lecturer at the World Ophthalmology Congress in Abu Dhabi, United Arab Emirates, in February, 2012 to speak about his experience using a collagen matrix to modulate wound healing in glaucoma surgery; served as a moderator at the American Glaucoma Society Annual Meeting in New York City in March, 2012; moderated two sessions at the Annual Meeting of the American Society of Cataract and Refractive Surgery in Chicago in April, 2012; and recently published an article about the ExPress Mini Glaucoma Device along with one of DMEI's past glaucoma fellows in the peer-reviewed journal *Developments in Ophthalmology* 2012;50:90-5, (E-pub 2012 Apr 17).



VINAY A. SHAH, MD, was promoted to Clinical Associate Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology. His recent publications include: Shah V.A., Brown J.S., Mahmoud T.H., "Correlation of Outer Retinal Microstructure and Foveal Thickness with Visual Acuity after Pars Plana Vitrectomy for Complications of Proliferative Diabetic Retinopathy," *Retina*, May 2012; and Chhablani J., Kaja S., Shah V.A. "Smartphones in Ophthalmology" *Indian Journal of Ophthalmology*, March-April 2012. He was a moderator and speaker at the ARVO Workshop "Smartphones in Ophthalmology" in Fort Lauderdale, Florida in May, 2012 and was interviewed by *Review of Ophthalmology* about the new Apple iPad and the pros and cons of its medical applications in April, 2012.



R. MICHAEL SIATKOWSKI, MD, was elected Vice Chair for the Residency Review Committee for Ophthalmology for the Accreditation Council for Graduate Medical Education; appointed Chair of the Maintenance of Certification Committee for the American Board of Ophthalmology; served as a visiting professor at the University of Michigan and Smith-Kettlewell Eye Research Institute; spoke at the 50th Anniversary Meeting of the Bascom Palmer Eye Institute; received the OU Regents' Award for Superior Teaching in April, 2012 (see page 7); and co-authored publications in *Survey of Ophthalmology* and *Archives of Ophthalmology*.



GREGORY L. SKUTA, MD, was appointed to serve on the Claims Committee and the Finance Committee for the Ophthalmic Mutual Insurance Company (OMIC); was the featured executive for the Oklahoma Health Center Foundation website in May, 2012; lectured at the SouthEast Eye Regional Meeting in Destin, Florida in July, 2012; will deliver the Raymond Cook Memorial Lecture at the University of Arkansas - Little Rock on November 29, 2012, the Ernst Bodenheimer Lecture at the Wilmer Eye Institute/Johns Hopkins University on December 8, 2012, and the Everett R. Veirs Lecture at Scott and White Clinic/Texas A&M on March 9, 2013; and was recently nominated to serve as President-Elect of the American Academy of Ophthalmology in 2013 and President in 2014 (more to follow in the next edition of *InVision*).



ROBERT G. SMALL, MD, was nominated for the Aesculapian Award by the OU College of Medicine Class of 2012 for *Excellence in Teaching by Volunteer Faculty* in April, 2012.

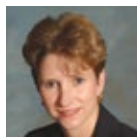
FACULTY & STAFF AWARDS AND ACTIVITIES



DONALD U. STONE, MD, is now President-Elect of the Oklahoma Academy of Ophthalmology. Articles recently published or accepted for publication include: Carver A.A., Chen G.W., Stone D.U., "Risk Factors for Graft Dislocation following Descemet's Stripping Endothelial Keratoplasty," *Clinical and Surgical Ophthalmology*, October/November 2011; Chan A.Y., Storck S.A., Stone D.U., "Ocular Injuries from Shake and Bake Methamphetamine Labs," *Journal of Oklahoma State Medical Association*, November 2011; Tlucek P.S., Stone D.U. "Certolizumab Pegol Treatment of Rheumatoid Arthritis-Associated Scleritis," *Cornea*, January 2012; Chen H., Wu X., Wei M., Eichner J.E., Fan Y., Zhang Z., Lei C., Stone D.U., Yang J., "Changes in the Prevalence of Visual Impairment due to Blinding Trachoma in Sichuan Province, China: A Comparative Study between 1987 and 2006," *Ophthalmic Epidemiology*, February 2012; Conrady C., Stone D.U., Zheng M., Carr D.J., "CD8+ T Cells Suppress Viral Replication in the Cornea but Contribute to VEGF-C Induced Lymphatic Vessel Genesis," *Journal of Immunology* (in press); Nikpoor N., Butt A.L., Hromas A.R., Stone D.U., "The Physicians Quality Reporting Initiative: Effect on Ophthalmologists' Documentation of Practice Patterns," *Archives of Ophthalmology* (in press); Bromley J.G., Stone D.U., Randleman J.B., Stulting R.D., Grossniklaus H.E., "Clinicopathologic Findings in Iridocorneal Endothelial Syndrome and Posterior Polymorphous Membranous Dystrophy after Descemet's Stripping Endothelial Keratoplasty," *Cornea* (in press); and Adesina O.O., Vickery J.A., Ferguson C.L., Stone D.U., "Stromal Melting associated with a Cosmetic Contact Lens over a Boston Keratoprosthesis: Treatment with a Conjunctival Flap," *Eye and Contact Lens* (in press).



JEAN ANN VICKERY, FCLSA, received the Ken Swanson Merit Award for her ongoing work within the contact lens industry; co-edited and compiled with Michael Ward, FCLSA, Emory University, a new text entitled *Contact Lens Indications, Fitting and Management in a Medical Environment*; and received acceptance for publication of a clinical paper in *Eye and Contact Lens: Science and Clinical Practice* written by Ore-ofe Adesina, MD, Jean Ann Vickery, FCLSA, Carri L. Ferguson, FCLSA and Donald U. Stone, MD.



ANN A. WARN, MD, was promoted to Clinical Associate Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology.



TAMMY L. YANOVITCH, MD, MHSc, was appointed as Clinical Assistant Professor in the University of Oklahoma College of Medicine's Department of Ophthalmology.

Technologies and Patents Issued during FY 2012

The University of Oklahoma Department of Ophthalmology produced three disclosures and was issued two patents from July 1, 2011-June 30, 2012. Congratulations to the following DMEI/OU faculty and research staff involved in these inventions: Martin-Paul Agbaga, PhD, Robert E. Anderson, MD, PhD, Richard S. Brush, Stephen R. Fransen, MD, James F. McGinnis, PhD, Nawajes A. Mandal, PhD, and Lily L. Wong, PhD.

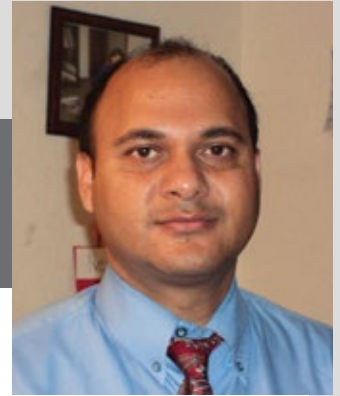
outstanding scientific achievements



Robert E. "Gene" Anderson, M.D., Ph.D. (center) receives the revered 2011 Proctor Medal from the Association for Research in Vision and Ophthalmology (ARVO) from John S. Penn, Ph.D. (right), Snyder Professor & Vice Chair for Faculty Affairs, Vanderbilt Eye Institute, and ARVO Trustee representing the Cell Biology Section, along with Joe Hollyfield, Ph.D. (left), Cole Eye Institute, Cleveland Clinic, at the 2012 ARVO International Meeting in Ft. Lauderdale, Florida.

ROBERT E. "GENE" ANDERSON, MD, PhD has been selected as the recipient of the 2012 Paul Kayser International Award in Retina Research. The selection was made by the International Society for Eye Research (ISER), and the award is provided by the Retina Research Foundation. In July 2012, Dr. Anderson presented a lecture and received the award at the ISER Biennial Meeting in Berlin. He is a Professor of Ophthalmology and Cell Biology, holds the Dean A. McGee Chair in Ophthalmology, is a George Lynn Cross Research Professor, and serves as Director of Vision Research for the Dean McGee Eye Institute/OU Department of Ophthalmology. Dr. Anderson also is a past President of ISER and a past Vice-President of the Association for Research in Vision and Ophthalmology (ARVO). ■

Nawajes A. Mandal, PhD, Awarded NIH RESEARCH PROJECT GRANT



NAWAJES A. MANDAL, PhD, a DMEI research scientist and an Assistant Professor in the University of Oklahoma (OU) Department of Ophthalmology, was awarded a \$1,850,000 R01 Research Project Grant from the National Institutes of Health (NIH) to advance his research into new therapies for such diseases as retinal and macular degenerations and diabetic retinopathy. The project title for the National Eye Institute (NEI)-sponsored grant is “Sphingolipid Metabolism and Signaling in the Retina”. The grant provides full funding for the maximum of five years.

Dr. Mandal’s special interests include sphingolipid metabolism in the retina, the mechanisms of inherited and light-induced retinal degeneration, and augmentative therapy for age-related macular degeneration using various anti-oxidative and anti-inflammatory compounds. He earned his PhD in Biochemistry from the Indian Agricultural Research Institute in New Delhi, India. Dr. Mandal completed his postdoctoral training in the molecular genetics of inherited retinal/macular degeneration from the University of Michigan - Ann Arbor before coming to the University of Oklahoma in 2006. ■



Research to Prevent Blindness Grant

RESEARCH TO PREVENT BLINDNESS

(RPB) has awarded a grant of \$110,000 to the Department of Ophthalmology at the OU Health Sciences Center. The research will be directed by Gregory L. Skuta, MD, Edward L. Gaylord Professor and Chair of the Department of Ophthalmology and President and CEO of the Dean McGee



*Gregory L. Skuta, M.D., DMEI
President & CEO and glaucoma
specialist, examines a patient.*

Eye Institute, for the scientific study of retinal degenerations, diabetic eye disease, infections and inflammatory disease, and other conditions that can result in vision loss. RPB is the world’s leading voluntary organization supporting eye research. To date, the organization has awarded grants totaling more than \$4.8 million to OU’s Department of Ophthalmology, placing it among the top 10 departments in the nation in cumulative RPB funding. ■

INNOVATOR DR. JAMES F. MCGINNIS



James F. McGinnis, Ph.D., Professor of Ophthalmology and Cell Biology with the University of Oklahoma's College of Medicine and Researcher at the Dean McGee Eye Institute.

THE NATIONAL EYE INSTITUTE HAS recognized the potential of Oklahoma City research scientist Dr. James F. McGinnis' work with nanoparticles on eye disease prevention with a \$2.3 million grant to bring a final product to market.

He has achieved promising results from testing his Nanoceria nanoparticles in rats and is ready

to complete preclinical studies in order to place the compound into human clinical trials in the next 18 to 24 months.

The patents and technology for the manufacture and use of Nanoceria have been exclusively licensed to Nantiox Corp., a biotech startup company based in the Presbyterian Health Foundation's Research Park in Oklahoma City. McGinnis' research has focused on how nanoparticles can prevent the growth of abnormal blood vessels in the retina as well as reduce already-existing abnormal vessels in age-related macular degeneration and diabetic retinopathy. The ultimate goal is to develop a treatment to protect the health and function of retinal cells and prevent blindness. ■

DMEI Winners AT GRADUATE RESEARCH EDUCATION AND TECHNOLOGY (GREAT) SYMPOSIUM

DR. MARTIN-PAUL AGBAGA, A POSTDOCTORAL FELLOW, AND SREEMATHI LOGAN, a graduate student, both working in Dr. Robert E. Anderson's laboratory, were presented awards during the 37th Annual Graduate Research Education and Technology (GREAT) Symposium at the OU Health Sciences Center. Dr. Agbaga, who won *Best Postdoctoral Fellow Research* and is now an Assistant Professor of Research, will receive a travel award for his research and presentation entitled "Experimental Therapy for Juvenile Autosomal Dominant Macular Dystrophy (STGD3): Allele Specific Silencing of the Mutant ELOVL4 Protein." The goal of this exciting work is to use molecular biology tools to design gene therapy for treating juvenile blindness by mutations in

the Elongation of Very Long Chain Fatty Acids-4 (ELOVL4) gene.

Sreemathi Logan was the recipient of the \$1,000

Graduate Student Association Travel Award for a presentation entitled "STGD3 Mutant Suppresses ELOVL4 Enzymatic Activity: Putative Mechanism in STGD3 Pathogenesis." Her studies have provided important information as to why photoreceptor cells die in this juvenile form of macular degeneration. Understanding the mechanism of cell death is essential for researchers to design drugs to treat these devastating degenerations that rob central vision in children. ■



Standing left to right: Martin-Paul Agbaga, Ph.D., and Sreemathi Logan, Graduate Student

36th Annual RESIDENT AND ALUMNI MEETING



THE DEPARTMENT OF OPHTHALMOLOGY AND the Dean McGee Eye Institute welcomed Dr. Stephen C. Pflugfelder as the 33rd Tullos O. Coston Lecturer at the 2012 Annual Dean McGee Eye Institute Ophthalmology Symposium/Resident Alumni

Meeting on June 9 in Oklahoma City. His lecture was entitled “Managing the Effects of Tear Dysfunction and the Cornea.”

Dr. Pflugfelder combines a consultative practice in cornea and ocular surface disease with teaching and translational laboratory research. He is currently Professor of Ophthalmology at the Cullen Eye Institute/Baylor College of Medicine in Houston, where he holds the James and Margaret Elkins Chair. He earned his undergraduate degree (summa cum laude and Phi Beta Kappa)

from Colgate University in Hamilton, New York and his medical degree (Alpha Omega Alpha Honor Medical Society) from the State University of New York–Upstate Medical College in Syracuse. He completed his residency at the Cullen Eye Institute/Baylor College of Medicine, and his fellowship in Cornea and External Disease at the Bascom Palmer Eye Institute/University of Miami, where he then served on the faculty from 1986 to 2000. He accepted his current position in 2000. ■



Pictured left to right: Nathan Radcliffe, M.D., invited guest speaker from Weill Cornell Medical College, accepts a gift from Steven Sarkisian, Jr., M.D., Clinical Associate Professor of Ophthalmology, Glaucoma Fellowship Director, and Program Chair for the June 9 meeting.



John Robinson, M.D., recipient of the 2012 Oklahoma Academy of Ophthalmology Distinguished Service Award, spoke at lunch during the 36th Annual OU Resident & Alumni Meeting.



William Clifford, M.D. (left) presents a bronze replica of a Frederic Remington sculpture to Stephen C. Pflugfelder, M.D. (right) in appreciation of his Tullos O. Coston Lecture.

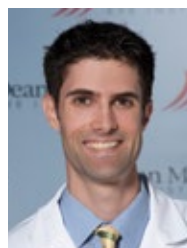


Enjoying the Acers Society Reception (pictured left to right) are: W. Stanley Muenzler, M.D., Acers Society Committee member, C.P. “Pat” Wilkinson, M.D., 9th Annual Acers Society guest speaker, Matthew Bown, Executive Vice President and Chief Operating Officer, and William Clifford, M.D., Acers Society Chairman.

DEPARTMENT OF OPHTHALMOLOGY UNIVERSITY OF OKLAHOMA 2012-2013 **NEW RESIDENTS & FELLOWS**



Derek P. Bitner, M.D.
First-year Resident
College: University of Arizona
Medical School: Baylor College of Medicine



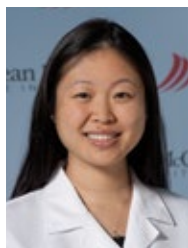
Jacob W. Brubaker, M.D.
Glaucoma Fellow
College: Brigham Young University
Medical School: McGill University
Residency: University of Missouri-Columbia



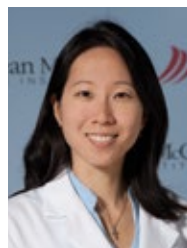
Jared R. Jackson, M.D.
First-year Resident
College: Brigham Young University
Medical School: University of Iowa



Adam A. Carver, M.D.
Retina Fellow
College: Hendrix College
Medical School: University of Arkansas
Residency: University of Oklahoma/Dean McGee Eye Institute



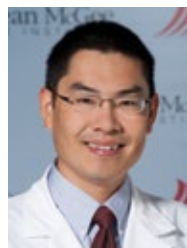
Esther Y. Lee, M.D.
First-year Resident
College: California Institute of Technology
Medical School: Jefferson Medical College



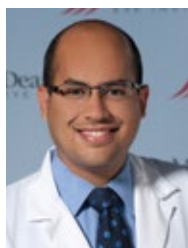
Annie Y. Chan, M.D.
Cornea Fellow
College: Stanford University
Medical School: University of Texas, San Antonio
Residency: University of Oklahoma/Dean McGee Eye Institute



Jonathan P. Walgama, M.D.
First-year Resident
College: Austin College
Medical School: Texas A&M Health Science Center



Kenneth C. Lao, M.D.
Neuro-Ophthalmology Fellow
College: Emory University
Medical School: University of Alabama
Residency: Hillcrest Medical Center (Family Medicine), Scott & White/Texas A&M (Ophthalmology)



Congratulations to Yasser Elshatory, M.D., Ph.D., PGY-3, who has been awarded an invitation to attend the Heed Foundation Residents' Retreat this November in Chicago. This retreat is focused on preparing future leaders in academic ophthalmology. Only 50% of qualified applicants are offered an invitation.



Congratulations to Jacquelyn Jetton, M.D., PGY-4, who was appointed to serve as our Chief Resident for the 2012-2013 academic year.

Celebrating 10 Years DMEI'S INTERNATIONAL REACH



Members of the U.S. delegation celebrating the 10-year anniversary are front row (left to right): (3) Annie Chan, M.D. (PGY-4), (4) Ronald Kingsley, M.D., (5) Bradley Farris, M.D., (6) P. Lloyd Hildebrand, M.D., (7) Yun Liu, M.D., Ph.D., Kaiser Permanente, (8) Adam Carver, M.D. (PGY-4), (10) Paul Chen, M.D., Kaiser Permanente. Back Row: (1) Hans Cao, premedical student and son of late Dean McGee Eye Institute researcher Wei Cao, M.D., Ph.D., and current Dean McGee Eye Institute researcher Feng Li, M.D., M.P.H., M.S.

2012 REPRESENTED THE TEN-YEAR ANNIVERSARY OF

the collaboration between the Dean McGee Eye Institute (DMEI), the Sichuan Academy of Medical Sciences, and the Sichuan Provincial People's Hospital (SPPH) in the People's Republic of China. The collaboration has resulted in the establishment of 20 Blindness Prevention Centers in the Sichuan Province, the education of hundreds of ophthalmologists and ophthalmic nurses for community hospitals, and the performance of about 10,000 blindness prevention surgeries each year throughout the Province, which have helped thousands of residents regain their sight. In 2007, SPPH and DMEI formally established the Ophthalmology Resident Training Center, the first eye center in China to adopt a U.S. resident training model. Under the leadership of Dr. Bradley Farris, the center has successfully trained and graduated more than 20 ophthalmology residents in the past five years. The training has significantly elevated the overall standard of patient care in the Sichuan Province. Since 2001, over 35 DMEI senior residents, faculty, and alumni have participated in trips to China.* ■

SAVE THE DATE
Saturday, June 8, 2013
37th Annual DMEI Ophthalmology Symposium/
OU Resident and Alumni Meeting

Randall J. Olson, MD - 34th Tullios O. Coston Lecture
Samis Education Center, Children's Hospital • Oklahoma City



*Source: Robert Chen, M.D., Yun Liu, M.D., Ph.D., The 10th Anniversary Album for Collaboration between DMEI, U.S.A. and Sichuan Academy of Medical Sciences · Sichuan Provincial People's Hospital, May, 2012.

Reaching Further—The Global Eye Care Program Swaziland Africa

BUILDING UPON THE SUCCESS IN the Sichuan Province of China, a Global Eye Care Program has been established to include Africa as part of DMEI's international outreach efforts. A component of this program is resident education, and this year, partnering with "The Luke Commission" from a church in the Oklahoma City metropolitan area, two senior DMEI residents and two faculty members traveled to Swaziland, Africa, to work with the Good Shepherd Eye Clinic. This clinic is located in the Good Shepherd Hospital near the eastern border of Swaziland. Under the direction of ophthalmologist Dr. Jonathan Pons, the Good Shepherd Eye Clinic works diligently to improve

the quality and quantity of eye care in Swaziland and treat and prevent blindness caused by cataracts and glaucoma. ■



Residents and faculty making their first visit to Swaziland included left to right: Ore-Ofe Adesina, M.D. (PGY-4), Ronald Hobbs, M.D. (PGY-4), Jonathan Pons, M.D., Good Shepherd Eye Clinic, Swaziland, Africa, Bradley Farris, M.D. (DMEI), and P. Lloyd Hildebrand, M.D. (DMEI).



Monday, October 8, 2012
THE 21ST ANNUAL WALTER J. STARK MEMORIAL LECTURESHIP
Tullos O. Coston Lecture Hall



Paul Sternberg, Jr., MD
G.W. Hale Professor and Chair, Department of Ophthalmology and Visual Sciences; Director, Vanderbilt Eye Institute; Vanderbilt University School of Medicine, Nashville, Tennessee; President-Elect, American Academy of Ophthalmology

PHILANTHROPY UPDATE

PRESERVING THE FUTURE through philanthropy



1975



1994



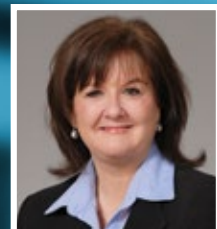
2011

GENEROSITY HAS ENERGIZED the programs of the Dean McGee Eye Institute since the 1970s, and planned gifts from many loyal supporters have sustained this momentum for the Dean McGee Eye Institute Foundation. We celebrate and reflect on the many donors, both past and present, who have made the Dean McGee Eye Institute's remarkable progress possible.

Because of the benevolence of many donors who have made planned gifts through their wills, estates, or trusts, gifts totaling more than

\$24 million (including \$4.8 million during the past 24 months) have been received through the Dean McGee Eye Institute Foundation since its establishment.

Planned gifts assist the Dean McGee Eye Institute in continuing to thrive even in uncertain economic times and ensure that the excellence achieved at the Eye Institute will continue. We encourage you to consider the Dean McGee Eye Institute Foundation in your bequest planning. ■



Lana G. Ivy
Vice President of Development

Recognizing and honoring donors who have helped preserve the future of the Dean McGee Eye Institute by making planned gifts through their wills, estates, or trusts.

Mr. and Mrs. Adnell Acers
Velma F. Bauman
Mrs. Ethel Benedict
Ms. Sara E. Boswell
Charles Caylen
Constance and Flora Cline
Mary M. Clock
Annette R. Hillman Cohen
Mark A. Coyle
Jeanne Lorene Crombie
Mrs. Emmett A. Darby
Dubert Dennis
Alan Dworkin
Dorothy C. Eaton
Edna C. Edmondson
Ernest E. Fellers
Mr. O.F. Folmer

E.K. and Inez K. Gaylord
E.L. Gaylord
Arthur P. Gorman
C. Jayne and Thomas P. Hopson
Robert D. Hutchinson
Myron O. Johnson, Jr.
Loris and Pauline Keen
Harold J. Kleen
Ms. Jessie D. Kinley
Phillip Edward Lamm
Ruth I. Lamm
Ms. Frances MacSwain
Callie Jane Maschal
Vernon McArthur
Laressa G. McBurney
Ms. Lucile B. McCool
Durward and Barbara McGalliard
Mr. and Mrs. Dean A. McGee
I. Margaret Mesite
Roberta Eldridge Miller
Emma Montgomery
Helen Nicholson
Nell D. Perkinson
Ardath L. Prchal
Ms. Lela P. Qualls
Mrs. Barbara Raven
Riddle Family
Ms. Dorothy Saville
A.T.F. Seale



Mr. and Mrs. E. Palmer Shelton
Ms. Frankie Smith
Cora Snetcher
Alberta Watkins Soloway
Sophia Stamatis
Gladys T. Stuard
Marvin E. Sullivan
F. Barry Tapp
F.M. Tarpley
Ms. Oressa Teagarden
D.R. Thompson
Various Anonymous
Lawrence A. Wagle
Agnes M. Weaver
Agnes E. Weber
Anna Lorry Williams
W.P. Wood



HOW CAN I MAKE A PLANNED GIFT?

Contact Lana G. Ivy, Vice President of Development, at 405-271-7803 or by email at lane-ivy@dmei.org, or complete the enclosed card and mail to the Development Office.

CAPITAL CAMPAIGN DONORS

We sincerely appreciate, recognize and honor the many generous patients, friends, corporations, foundations, alumni, faculty and staff who have demonstrated their support of patient care, vision research and education by contributing to the Dean McGee Eye Institute Capital Campaign.

\$1,000,000 - \$5,000,000

Chesapeake Energy Corporation
Chickasaw Nation
Choctaw Nation of Oklahoma
Mark A. Coyle Estate
Dubert Dennis Estate
Devon Energy Corporation
E. L. and Thelma Gaylord Foundation
Inasmuch Foundation
J.E. and L.E. Mabee Foundation
Mr. and Mrs. Aubrey K. McClendon
Rebecca K. Morgan, M.D.
Samuel Roberts Noble Foundation
Presbyterian Health Foundation
Records-Johnston Family Foundation
State of Oklahoma
University Hospitals Authority and Trust
Elizabeth Zoernig

\$500,000 - \$999,999

Mr. and Mrs. G.T. Blankenship
Leslie Rainbolt-Forbes, M.D.
Mr. and Mrs. David E. Rainbolt
Mr. and Mrs. Gene Rainbolt
Mr. and Mrs. Charles C. Stephenson, Jr.
Maxine and Jack Zarrow Family Foundation
Anne and Henry Zarrow Foundation

\$100,000 - \$499,999

Alcon Foundation
Ann Simmons Alspaugh
Anadarko-Kerr-McGee Foundation
Chapman Charitable Trust
Mr. Jack Jacobs
Mr. and Mrs. Greg Kannady
Loris and Pauline Keen Charitable Trust
Robert S. and Grayce B. Kerr Foundation
Kerr Foundation
Meinders Foundation
Oklahoma City Community Foundation
Oklahoma Gas and Electric Company Foundation
Oklahoma Health Center Foundation
Mr. T. Boone Pickens
Sarkeys Foundation
Mr. and Mrs. William R. Yinger

\$50,000 - \$99,999

Mrs. Nancy Payne Ellis
Merrick Foundation
I. Margaret Mesite Trust
Dr. and Mrs. David W. Parke, Sr.
Mr. and Mrs. Ellis M. Skinner
Jeanne Hoffman Smith

\$25,000 - \$49,999

Jimmie and Marie Austin Foundation
Clements Food Foundation
Crawley Family Foundation
Dr. and Mrs. David B. Dickinson, Jr.
Dolese Foundation
Mr. Richard P. Dulaney
Mr. Tom Dulaney, Jr.
Mr. and Mrs. Clyde Ingle
Kirkpatrick Family Fund
Drs. David and Julie Parke
Donald W. Reynolds Foundation
Karen and Mike Samis
Dr. Gregory and Anne Skuta
Mr. and Mrs. James R. Tolbert III
Martha Vose Williams Foundation

\$10,000 - \$24,999

Dr. and Mrs. John R. Bozalis
Drs. Reagan and Cynthia Bradford
Dr. and Mrs. William S. Clifford
Mr. and Mrs. James H. Everest
Dr. and Mrs. Bradley K. Farris
Dr. Stephen and Cindy Fransen
Luther L. Fry, M.D.
Rick D. Isernhagen, M.D.
Mr. and Mrs. George W. James
Mr. and Mrs. Michael E. Joseph
The Linda Lambert Family
McAfee & Taft
Mr. and Mrs. Malcolm Milsten
Mr. and Mrs. J. Larry Nichols
Oxley Foundation
Dr. Anil and Sonal Patel
Mr. and Mrs. Bobby Roberson
Scot A. Sullivan, M.D.
Mr. and Mrs. Stanton L. Young
Mr. and Mrs. Fred H. Zahn

\$5,000 - \$9,999

Mrs. Jackie Acers
Paul D. Austin Family Foundation
Mr. William Bell
Mr. and Mrs. Matthew D. Bown
Richard G. Chambers, M.D.
John B. and Patti Elder
Ernest E. Fellers Trust
Mrs. E. L. Harding
Mr. and Mrs. Dan Hogan
Kimberly A. Howard
Ronald M. Kingsley, M.D.
Mr. George Kravis
Herb and Pat Leonard
Mr. and Mrs. Frank A. Lookabaugh
Patricia McGee Maino
ONEOK Foundation
Ms. Pam W. Parrish
Mr. Dale Proctor
Mr. James R. Relyea
Charles Morton Share Trust
Drs. R. Michael and Rhea Siatkowski
Simmons Foundation
Dr. and Mrs. C.P. Wilkinson

\$1,000 - \$4,999

Mr. and Mrs. Ray Ackerman
James E. Alexander, Ph.D.
Lee S. Anderson, M.D.
Dr. and Mrs. Robert E. Anderson
Margaret A. Barrett
Mr. and Mrs. J. Edward Barth
Terry J. Bergstrom, M.D.
Robert S. and Eloise C. Bowers Foundation
Mr. Ronald E. Bradshaw
Robert D. and Dolores Call
Drs. J. Donald and Patricia Capra
Dr. and Mrs. Daniel J.J. Carr
Mrs. Frances Herndon Chandler
Mrs. John Cheek
James Chodosh, M.D., M.P.H.
Mr. Boyd A. Christensen
Ms. Aileen Ray Cowan
Mr. and Mrs. Cyrus Crum
Mr. Stanley Deardeuff
James L. Dunagin, Jr., M.D.
S. Seshachalam Dutta, Ph.D.

Mr. and Mrs. Joe Ellis
Mr. and Mrs. Roger Empie
Richard and Karen Flesher
Ms. Miriam Freedman
John M. Garber, O.D.
Erin Glasgow, M.D. and David Smith, M.D.
Mr. and Mrs. Brent Gooden
Mr. and Mrs. Clayton Gore
Mr. C. Hubert Gragg
William D. Hawley, M.D.
Dr. and Mrs. George Henderson
Heritage Trust Company
Thomas Jay Hill
Bill J. and Helen M. Hogan
Mr. and Mrs. Thomas P. Hopson
David W. Jackson, M.D.
Fred Jones Family Foundation
Dr. and Mrs. Mahmoud A. Khaimi
Dr. Ann Lacy
Nancy A. Lambert, B.C.O.
Linda Lantrip, D.O.
Drs. Theresa Larson and Lyle Stefanich
Mr. and Mrs. Don J. Leeman
Dr. and Mrs. Robert E. Leonard II
Mr. and Mrs. Richard R. Linn, Jr.
William M. Majors III and Nancy L. Majors
Tom and Brenda McDaniel
Drs. Amalia Miranda and Paul Silverstein
Sharon F. Neuwald
Pacific Vision Foundation
Anca D. Pacuraru, D.O.
Dr. A.J. and Elizabeth Phelan
Ensa Pillow, M.D.
Drs. Santosh and Kiran Prabhu
Ms. Judith Raulston
Mr. Herman Roberson
James F. Ronk, M.D.
Sapulpa Lions Club
Dr. and Mrs. Steven R. Sarkisian, Jr.
Lee E. Schoeffler, M.D.
Schwab Fund for Charitable Giving
David L. Schwartz, M.D.
Drs. Kanan V. and Vinay Shah
John and Kay Shenk
Mr. and Mrs. Don N. Sherman
Richard and Jacquelyn Skuta
Robert G. Small, M.D.
Dr. and Mrs. Walter J. Stark, Jr.
Bruce and Dianna Stieber

Jean Ann Vickery, F.C.L.S.A.
Vose Foundation
Drs. S.M. and Gauri Waingankar
Herman and Mary Wegener Foundation
Mr. and Mrs. Roger Willard
Williams Companies Foundation
Mr. John H. Williams
Mr. and Mrs. Howard G. Wilson
Mr. and Mrs. Eman Yazdanipناه

\$250 – \$999

Dr. and Mrs. M. Dewayne Andrews
Association of Fundraising Professionals
Ms. Charlet L. Barker
Ms. Bettie Base
Mr. and Mrs. Vernon Bentley
Betty A. Bowers, M.D. and Barry Rockler, M.D.
Mr. Bobby G. Boydston
Ms. Penny A. Budzien
Mr. Arthur W. Buswell
Jane Buswell
Mrs. Keri J. Butler
Mr. Keith E. Camerer
Mr. Jon Carter
Robert Cass
Dr. and Mrs. Brian Ceresa
Richard and Katherine Champlin
Dr. Richard A. Clay
Mr. Robert E. Coalson
Mr. and Mrs. John J. Coates, Jr.
Ms. Kathryn Ann Collier
Ms. Sue Collins
Mr. and Mrs. John Compton
Ms. Kathy Coolahan
Mr. and Mrs. John Coultis
Ms. Carolyn Pyle Crepps
Ms. Marion Brisoe Devore
Mr. David M. Diamond
Mr. Mark Dittmar
Ms. Elaine F. Dockray
Bob and Kitty Dodson
Mrs. Frances Downey
Mr. and Mrs. Carl Edwards
Mr. and Mrs. Walter D. Eggers
Mrs. Janell L. Everest
Mr. and Mrs. Don Fennell
Carri L. Ferguson, F.C.L.S.A.
Dr. and Mrs. Joseph J. Ferretti
Dr. and Mrs. Fulton W. Fite
Mr. Clarence Fletcher, Jr.

For the Health of It, Inc.
Ms. Eunice Fox
Mr. Logan D. Gatewood
Ms. Carla M. Gilbert
Mrs. Connie L. Gill
Mr. and Mrs. Thomas R. Godkins
Mr. C. Hubert Gragg
Mr. Horace S. Green, Sr.
Ms. Barbara Hall
Ms. Donna J. Hall
James and Ann Halligan
Mr. James L. Henry
P. Lloyd Hildebrand, M.D.
Ms. Jeanine J. Hodges
Ms. Martha M. Hornbeck
Mr. and Mrs. Donald Hubbard
Fay L. and Blanche Hudson
Ms. Orieta Jackson
Dr. Juanita E. Johnson
Mr. John F. Keating
Mr. Calvin Kelley
Richard P. and Barbara L. Kerrick
Lawton Rebekah Lodge #87
Feng Li, M.D., M.P.H., M.S.
Ms. Jeanine Logan
William R. Ray Loney, M.D.
Mr. Michael Mahaffey
Majors Energy, LLC
Melody Marcum
Mr. Peter W.C. Mather
Mr. and Mrs. Thomas McCormick
Dr. and Mrs. James F. McGinnis
Mr. and Mrs. Dennis McGrath
Mr. Ronald McKenzie
Ms. Gail D. Meltzner
Mr. Dennis C. Miller
Maj. Gen. Stanley F.H. Newman
Ms. Alva E. Owens
Mr. Ed L. Paramore
Fieldon L. Parham
Mr. Melvin H. Perkins
Ms. Angie K. Plumlee
Mr. Gene Reed
Mr. Ken Rentz
Mr. C. Stanley Ripley
Mr. and Mrs. Jaime Rodriguez
Gene and Colleen Scott
Mr. and Mrs. Roy B. Scott
Ms. Norma Sheltman
Mr. Herman Siegfried
Ms. Vivian S. Smith
Dr. and Mrs. Donald U. Stone
Judge and Mrs. Ralph G. Thompson

Sue and Don Timberlake
Ms. Susan Townley
Matthew Traynor, M.D.
Mr. Charles E. Troutman
Mr. and Mrs. Russell Voss
Mr. and Mrs. George Watkins
Mr. Alfred Wilburn
Mr. and Mrs. Ronald D. Williams
Dr. and Mrs. Robert G. Wilson
Mr. and Mrs. Tom Witty
Mrs. Fern T. Wood
Glenda Woodside
Lee Young

\$100 – \$249

Jane Douglas and John R. Adair
Mr. and Mrs. Vernon L. Adams
Ms. Dorothy L. Ayers
Eve T. Bannet, Ph.D.
Marcia A. Bennett, Ph.D.
Mr. and Mrs. Joe Birdwell
Mr. Jack W. Bloomer
Harvey J. Blumenthal, M.D.
Mr. Bill Boerstler
Gemini J. Bogie, M.D.
Mr. Robert D. Bonham
Jane and Don Bown
Edward N. Brandt, Jr., M.D.
Mr. Dilliard L. Brooks
Dr. and Mrs. David R. Brown
Mary E. and Charles K. Brown
Mr. and Mrs. Orville Donald Brown
Mr. Tad Burgess
Mr. and Mrs. Jay Bee Burner
Richard Butler
Mrs. Leo M. Butt
Norman and Theresa Cain
Michelle C. Callegan, Ph.D.
Mr. and Mrs. Robert F. Calonkey
Mrs. A.B. Carpenter
Mrs. Dorothy Carpenter
Pachneerat Chainakul, M.D.
Channing Unitarian Universalist Church
Ms. Thelma Chillless
Ms. Robbie Dell Conkling
Mr. and Mrs. Jackie R. Cooper
Mr. and Mrs. Tommy A. Cooper
Mr. Leonard V. Cowan
Mr. Gordon T. Craft
Mr. and Mrs. Charles Crews
Mr. and Mrs. Ronald Cross
Mr. and Mrs. Douglas R. Cummings

CAPITAL CAMPAIGN DONORS CONT.

Dean McGee Eye Institute - Optical and Contact Lens Staff	Mr. and Mrs. Robert P. Luke	Jim Sims	Ms. Hazel D. Armstrong
Mr. and Mrs. Earl Deese	JoNell Lunow	R. Emery and Mary Lee Smiser	Ms. Eleanor Arterburn
Ms. Bee Dietz	Dr. and Mrs. Malcolm Luxenberg	Mr. and Mrs. Bradley J. Smith	Dr. and Mrs. John Ash
Mr. Harry R. Dollarhide	Mr. Bill Mack	Mr. and Mrs. Dan P. Smith	Mr. Roger Astley
Ms. Georgia East	Ms. Winona Madison	Ronald E. Smith, M.D.	Ms. Rhonda Austin
Mr. James A. Embry	Hamid Mahmood, M.D.	Mr. Neil Stanfield	Alicia Avila
Mr. and Mrs. Vestal Enis	Mr. Mitchell Maichak, Jr.	Mr. Terry Stradal	Ms. Betty Jean Baker
Mr. Roger S. Erickson	Mr. and Mrs. Leroy Marcum	Mr. Ray D. Stroud	Leela D. Baker
William J. Faulkner, M.D.	Mr. James A. Marr	Dr. and Mrs. Mark Sullivan	Ms. Joy L. Baldwin
Mr. Robert Fitzpatrick	Mr. and Mrs. Jack T. Massey	Mr. Bennie Surratt	Mr. and Mrs. John Ballard
Ms. Deborah S. Fitzsimmons	Kathy and Greg McCracken	Mr. and Mrs. James E. Swanson	Ms. Margie N. Ballard
Ms. Helen Franzone	Mike McCurtain and Christina Jameson McCurtain	Ms. Patricia A. Taliaferro	Mrs. Marilyn Balyeat
Ms. Mex L. Frates	Mr. Neil W. McElderry, Jr.	James and Carolyn Thomas	Allegra Barker
Mr. William Gage	Silvia McKeivitt, M.D.	Jeff and Larry Trachtenberg	Ms. Sarah Barnes
Mr. Albert W. Green	Mrs. Gayla K. McKinney	Dr. and Mrs. Lucas Trigler	Mr. and Mrs. Gary R. Bartley
Deborah Grewell	Mr. A.W. McMurphy	Mr. and Mrs. Walter L. Tryon	Ms. Mary M. Barton
Ms. Betty Jean Griswold	Ms. Phyllis McTiernan	Mr. Charles Turney	Ms. Dawn M. Bartosh
Ms. Charlotte N. Hagan	Ms. Mary Ellen Meredith	Ms. Marie Thelma Tyner	Ms. Darlinda L. Baugus
Ms. Roberta L. Hamburger	Elnora G. Miller, M.D.	Mr. and Mrs. Jesse L. Urton	Mr. Wilson H. Beardsley
Mr. James J. Hamilton	Miss Minnie Miller	Dr. and Mrs. Wallace Vandever	Mr. and Mrs. Eldon Beavers
Mr. Edgar Hancock	Mr. Ervin A. Mindt	Mrs. Mary Rose Vantree	Ms. Linda Bell
Mr. and Mrs. John T. Hannah	Ms. Minnie Mitchell	Mr. and Mrs. Samuel J. Veazey	Denise Benne
Mr. C.E. Hannum	Dr. and Mrs. John Mulvihill	Mr. Matthew Venard	Mr. and Mrs. John Bentley
Mr. Benjamin F. Hardin	Ms. Patty Myers	Mr. Lawrence Walsh	Vanessa Bergman
Mr. Frank B. Hargrove	Faysal L. Nasr, M.D.	Jean M. Warren	Janelle Bermea
Shannon Harper	Ms. Annelie Nichols	Allan and Barbara Wassom	Teresa Berry
Ms. Eleanor Harris	Ms. Wilma Nichols	Donald and Barbara Waters	Frank S. Bianco
Mr. Larry Hatley	Mrs. Evelyn Orth	Ms. Karen S. Weddle	Ms. Eula Mae Bishop
Mr. Ronald E. Hawes	Pamela R. Parrish, M.D.	Mr. and Mrs. David Lee Weeks	Patrick Bishop
Rev. and Mrs. J. Richard Hershberger	Mr. and Mrs. Richard Parry	Larry Weidner, M.D.	Mr. Peter F. Bjorlie
Ralph B. Hester III, M.D.	Dr. William Parry	Ms. Georgiana White	Pamela Black
Mr. Glenn F. Hiltz, Jr.	Ms. Connie B. Peel	Mr. and Mrs. Bernie Williams	Ms. Laura A. Blish
Ms. Margaret R. Holt	Lauren Pendarvis	Bruce and Connie Williams	B.J. Blunt
Ms. Helen Howl	James and Alice Perry	Willis Engineering Consultants	Ms. Theresa Boehnlein
Ms. Claudia Huntington	Mrs. Mary E. Petricek	Dr. and Mrs. Richard Wilson	Ms. Susan Boevers
Ms. Lana G. Ivy	Ms. Anna Mae Pinkston	Mr. and Mrs. Edward A. Wolford	Drs. Charles P. and Amanda Bogie
Mr. and Mrs. Eugene Jackson	Mr. Bill Pitts	Lily Wong, Ph.D.	Terri Bond
Mr. Gene Jackson	Mr. and Mrs. Leon A. Pivinski	Cynthia Work	Jeffrey A. Boomer, M.D.
Christina Jameson McCurtain	Ms. Mamie Pool	Edie Wren	Linda Boone
Mr. William Johnston	Mr. Paul A. Puttroff	\$1 - \$99	Mr. and Mrs. Rick Bramlett
Ms. Mary Louise Khoury	Dr. and Mrs. Raju Rajala	20-20 Club	Mr. Bart Brashears
Ms. Melissa J. Killman	Carl and Nina Richardson	Anonymous	Ms. Mary Brawner
Kimray Inc.	R. Randall Robinson, M.D.	Ms. Bonnie Adams	Ms. Lorrie Brison
Larry Kindt	Mr. Eliahu E. Rubowitz	Ms. Cheryl A. Adams	Ms. Jennifer Brown
Mr. and Mrs. Arthur L. Landt	Mr. and Mrs. Charles E. Rutherford	Mr. and Mrs. Dick Adams	Mr. Zelbert Brown
Mr. Luther O. Lauderdale	Robert and Debi Sample	Delvin and Mary Aebi	Mr. Steven Brush
Mr. Hugh E. Ledbetter	Ms. Marsha Scott	Desera Akram	Mr. Jerry Buckminster
Mr. Robert E. Leimbeck	Mr. Eugene R. Sewell	Ms. Sondra J. Allen	Mr. and Mrs. M. Leon Burch
Mr. and Mrs. Duke Ligon	Jeffrey T. Shaver, M.D.	Valerie Allison	Andrea Burseson
Ms. Mary K. Lingreen	Mr. C. Harold Short	Guangyu An and Li Kong	Mr. and Mrs. Jesse Burpo
Mr. and Mrs. Ben F. Little	Mr. Edward Simmons	Sherry Anderson	Mr. Russell D. Burris
	Ms. Janice K. Sims	Ray Archer	Mr. Richard T. Buswell
			Ms. M. Maxine Butler

Amanda Butt
John P. Buzbee
James Byers
Ms. Samonia Byford
Patrice Calvin
Ms. Lori A. Canfield
Ms. Tami Cannon
Erin Carey
Kimberly Carr
Daniel Carrel
Ms. Renate Carson
Mr. Chester E. Carter
Ms. Karen S. Carter
Ms. Marinetta Carter
Mr. Alfonso Castellanos
Glen Cavanaugh
Annie Chan, M.D.
Ms. Doris Jane Chediak
Gene Chen, M.D.
Ashish Chintakuntlawar
Terri Chronister
Ms. Tracie Church
Ms. Amy J. Churchill
Mr. and Mrs. Scott M. Circle
Bertha Clark
Ms. Beverly Clark
Mr. Derek Clark
Ms. Melissa D. Clayton
Lisa Clouse
Ms. Brianna Coffee
April Coker
Ms. Julie D. Cole
Patricia Coley
Mr. Michael Collins
Jessica Combs
Mr. and Mrs. Bill Comstock
Ms. Irene P. Conkling
Ms. Daisy Constantino
Ms. Connie Cook
Sandra Cooper
Shanon Coover
Don and Virginia Copeland
Mr. and Mrs. Chester Cowen
Elaina Cozad-Torres
Ms. Gladys Craig
Liz Craig
Mr. Orest Craig
Lacy Cranford
Robin Crawford
Stacy Crichton
Ms. Shelley R. Critchfield
Ms. Arabelle Crowder
Mr. James L. Crown

Paul and Joyce Culwell
Ms. Linda Cummings
Mr. and Mrs. Michael T. Curran
Willow Curtis
Edna Daniel, M.D.
Mr. and Mrs. Billy Daniels
Ms. Mary E. Daniels
Mr. Michael Daniels
Ms. Nana Dankwa
Ms. Katie Mae Darling
Ms. Jessica E. Davilla
Ms. Cherie K. Davis
Lee Davis
Lori Davis
Amanda Dawson
Muriel Dawson
Nancy De Cordova
Ms. Karen Dean
Ms. Stacy Deaton
Susan Dement
Ms. Julia Dice
Mr. George Dickey
Mr. Robert Dimick
Ms. Marilyn Dowell
Haylee Drake
John W. Drake, M.D.
Mr. J.C. Drennan
Vanessa Drummond
E. Michelle Drye
Nancy Duarte
Mr. J.B. Dufran
Mr. and Mrs. Norman P. Duncan
Jennifer Edwards
Mr. Warren Edwards
Michael H. Elliott, Ph.D.
Mary Elston
Mr. and Mrs. Harvey Ely
Kendal Elzy
Eugene Eng, M.D.
Crystal Erickson
Ms. Rhonda Escamilla
Myrna S. Espinosa
Ms. Natalie Essary
Robert Evans, M.D.
Mr. and Mrs. Milton Evenson
Albert and Nona Evitts
Ms. Renee A. Fabian
Ms. Lucille R. Fancey
Ms. Wanda K. Fisher
Ms. Tiffany Fitzsimmons
Mr. and Mrs. Daniel P. Foltz
Ms. Zelda Ford
Mr. and Mrs. Edward Forrester

Ms. Anita R. Foster
Ms. Lissa M. Foster
Dr. and Mrs. Morris Foster
Annjie Fowler
Ms. Mary J. Fox
Ashley Fraser
Brandi Fritts
Joshua Fullmer, M.D.
Mrs. John Gaberino, Sr.
Steve Galloway
Ms. Cyndi Gandy
Kathrene Gano
Drs. Dana M. and Lance Garber
Mr. and Mrs. Robert Garbrecht
Beulah Garcia
Mr. Tony M. Garcia
Ms. Connie Garrick
Michelle Garrison
Cynthia Gayle
Mr. and Mrs. James Gilbert
Misty Gill
Ms. Josephine Gimmelli
D.A. and Jo Givens
Dr. and Mrs. Neil M. Glass
Ms. Elizabeth A. Glathar
Ms. Marsha Glazier
Ms. Mandie Gleason
Mrs. Nicole Glenn
Ms. Stacie R. Glover
Mr. and Mrs. Arlie Goforth
Ms. Mary Goliwas
Roseanne Goliwas
Joanne Gonzalez
Ms. Janice Gordon
Kristi Grady
Ashley Graham
Crystal T. Graham
Mrs. Evelyn N. Grant
Mr. Peter J. Grant
Ms. Chelsea Graves
Mr. and Mrs. Kenneth Griffin, Jr.
Scott Guess, M.D.
Ms. Leanne H. Guinn
Darin R. Haivala, M.D.
Ms. Ruth Hall
Mrs. Holly Hamilton
Mr. Robert O. Hanefield
Ms. Erica Hardridge
Mr. and Mrs. Merle Hardwick
Ms. Annie Harjo
Ms. Sue Harrington
Amy Harris
Ms. Cheryl L. Harris

Jesse Hart
Mr. and Mrs. Harold Hartley
Ben Harvey, M.D.
Mr. and Mrs. Robert L. Harvey
Mr. Louie A. Hattensty
Mr. and Mrs. Gary Hayton
Lena Hearrell
Mr. and Mrs. Carl Held
Mr. and Mrs. Andrew M. Henderson
Monica Henry
Rikkilyn Hibbard
Ms. Leilani Hibdon
Mr. and Mrs. James A. Hicks
Ms. Brenda Hill
Neil and Patricia Hill
Ms. Marie R. Hodges
Ms. Jennifer E. Holbird
R. Gaylene Holland
Ms. Lois Holmboe
Shelley Holt
Bill and Sue Hood
Ms. Esther Howard
Gail and Dick Howard
Mr. Samuel Howard
Zhong Huang and Lin Liu
Ms. Denise Huddleston
Mr. Brown R. Hudson
Ms. Martha Patton Hudson
Cindy Huffines
Ms. Joan Humphrey
Ms. Nita Humphreys
Jonathan Hunt
Mr. Thomas Hutchins, Jr.
Mrs. Melanie J. Hykes
Ms. Mary M. Ivey
Lani Jack
Franklin and Myrtle Jackson
Lyric Jackson
Ms. Sheryl A. Jackson
Mr. Stephen Jackson
Ms. Wilma L. Jackson
Ms. Loretta M. Jesseph
Anji Jett
Jacquelyn Jetton, M.D.
Ben and Shirley Johnson
Sharon Johnson
Willa Johnson
Ms. G.G. Jones
Mr. Howard S. Jones
Diana Jordan
Anne Kasus-Jacobi, Ph.D.
Julie Kaufman
Ms. Dina Kelly

CAPITAL CAMPAIGN DONORS CONT.

Ms. Mildred Marie Kelty
 Ms. Sharron Kennon
 Gregory Kiblinger, M.D.
 Mr. and Mrs. Dennis Kidder
 Ms. Snow Tuyet Kieu
 Ms. Oneta O. Kimbrel
 Ms. Keema L. Kinchen
 Mary King
 Mr. William T. Kinnison
 Ms. Natalie Kintner
 Mr. and Mrs. William Kleinmann
 Cassandra Knox
 Ms. Kasey Kolb
 Li Kong
 Mrs. Dorothy Kraker
 Freda Kretchmar
 Ms. Theresa J. Kuhlman
 Ms. Helon LaGree
 Glenda Lacy
 Dee J. Lafon
 Nancy A. Lambert, B.C.O.
 Donna Lancaster
 Melissa Landes
 Sue Lauderdale
 Hampton Lawter
 Dr. Yun Le and Mei Li Zhu
 Mrs. Dana Leach
 Mr. and Mrs. Charles W. Lear
 C. Wayne and Jana S. Leslie
 Ms. Zena Levine
 Caprina Lewis
 Guiyuan and Chao Li
 Jerry Lichtenberg
 Ms. Letha Lieb
 Mr. James Lightfoot
 Mrs. F.A. Link
 Ms. Carolyn Little
 Lin Liu
 Leslie Loebach
 Ms. Joan G. Logan
 Mr. Gordon Long
 Mr. Hal Looney
 Sabine Lowe
 Ms. Kerri L. Luna
 Nicole Lung
 Keven Lunsford
 Mr. Stephen R. Lynch
 Ms. Wendy Madewell
 Ms. M. Jennifer Mannas
 Mr. Don A. Martin
 Ms. Sharon Martin
 Wanda Martin
 Russell and Barbara Mathis
 Ms. Dorothy Matthews
 Kimberly Maxfield
 Ms. Barbara Bradford Mayo
 Mr. and Mrs. Bob McCart
 Mrs. Catherine McCaslin
 Mr. Mark McClellan
 Barbara McClennon
 Ms. Charlen McCoy
 Wade Thomas McCoy, M.D.
 Carrie McCubbin
 Pam McDermott
 Marion and Linda McFadden
 Sylvia McGhee
 Mr. and Mrs. Delbert McGuire
 Carolyn McKee
 Mrs. Sherry McKibbin
 Ms. Heather McQuary
 Carol Medlinger
 Kellie Meiwes
 Mr. and Mrs. Arthur Melton
 Ms. Karen Merkey
 Mrs. E.L. Merlin
 Muriel Merlin
 Christina Meyers
 Ms. Diane Miller
 Ms. Rosie Miller
 Mr. and Mrs. Elton Mills
 Ms. Lavera Mills
 Ms. Phillis A. Minyard
 Chylene Mitchell
 Cheryl Moore, CPA
 Melissa Moore
 Ms. Shirley A. Moore
 Viveca Moore
 Ms. Karen Morgan
 Ms. Stacy Morin
 Janelle Morlock
 Ms. Ashlee D. Morris
 Suzanne Morris
 Ms. Martha P. Mullally
 Ms. Mary Murray
 Brett Mussyal
 Mr. and Mrs. George Myers
 Nicole Naugle
 Sherry Nayfa
 Ms. Darlene Newell
 Crystal Nichols
 Ms. Kathy Nichols
 Ms. Lynda L. Nolen
 Jimmy Northrip
 Northwest Lions Club
 Bo Novasad
 Ms. Sherrie O'Steen
 Ashley Oak
 Karen Ochoa-Lopez
 Ms. Lisa M. Ogilbee
 Mr. Charles Ognibene
 Ms. Linda Oller
 Ms. Alissa Orr
 Ms. Carl Owen, Jr.
 Ms. Tamara Owens
 Clayton and Sharron Palmer
 Rhonda Parks
 Sean Paul, M.D.
 Mr. and Mrs. Don L. Payne
 Ms. Beverly Pedersen
 Vallery Penny-Kratz
 Brenda S. Peoples
 Mrs. Elaine M. Perkins
 Ms. Judy Renea Peterman
 Cristal Phares
 Blake K. Pike
 Mr. Roy W. Pilling
 Mr. and Mrs. Jack Pittenger
 Ms. Bonita Plunk
 Mr. and Mrs. Scott Price
 Ms. Beverly Quam
 Tracie Quine
 Ms. Raniyah Ramadan
 Geraldine Rangel
 Laura Ransom
 Ms. Terri Rawlings
 Ms. Linda Ray
 Ms. Bonnie R. Raymond
 Ms. Lena E. Redden
 Marvin and Linda Resnick
 Ms. Ardith Reynolds
 Karan Rhodes
 Ms. Phyllis L. Rhodes
 Mr. Ashel Richardson
 Mr. and Mrs. R.D. Richardson
 Ms. Trena A. Richardson
 Mr. William R. Richmond
 Ms. Robin Riley
 Ms. Vicki Rippetto
 Ms. Amber Roberts
 Ms. Emilee Roberts
 I. Leanne Roberts
 Trevor Robertson
 Monique Robinson
 Mr. Ori Robison
 Ms. Dianne M. Rodriguez
 Ms. Whitney G. Rollings
 Col. Frank L. Rose, Jr.
 Barbara Ross
 Ms. Brittany Ross
 Ms. Carol Ross
 Ms. Connie Ross
 Sherry Ross
 Ms. Kelly Russell
 Ms. Jane S. Sabin
 Mohammad Sadeghi
 Mr. Hassan Saemodarae
 Mr. John L. Sanders
 Ms. Misty Sanders
 Belinda Saul
 Billie Schaffler
 Judy A. Schatz
 Lynne Schoors
 Ms. Charlotte Schroeder
 Mr. R.D. Schuermann
 Mr. and Mrs. Dennis Schultz
 Tracy Scott
 Roberta Scott-Hamilton
 Autumn Scovel
 Felipe Sepulveda
 Mr. Steven Sezate
 Tanner Shafer
 Mr. Joseph R. Shaver
 Ms. Ronda L. Shell
 Shevaun Williams & Associates
 Ms. Shirley R. Simes
 Janelle Simmons
 Mr. and Mrs. Myron Simons
 Lavonda Simpson
 Ms. Shemika Simpson
 Teresa Simpson
 Paulette Sims
 Mr. Stanley Slater
 Toya Slaughter
 Ms. Amy L. Smith
 Ms. Brenda Smith
 Ms. Cleopatra Smith
 Mr. and Mrs. Earl Smith
 Mrs. Eva Smith
 Ms. Langria Smith
 Patty Smith
 Ms. Shelia Smith
 Ann and Kenneth Spence
 Dana Spender
 Ms. Eunice Spiller
 Mr. and Mrs. Fred Spitz
 Beverly Splawn
 Jill Srmka
 Ms. Dawnalee Stacy
 Mr. and Mrs. Archie Starks
 John Stechschulte, M.D.
 Amanda Steele
 Ms. Elnora Stejskal

D.M. Stevens
 Ms. Doris Stevens
 Lesley Stewart
 Mary Stiebens
 Kaci Stinnett
 Mr. and Mrs. Omer Storck
 Ms. Sonya Strang
 Ms. Rebecca A. Suggs
 Donna Sullins
 Chauncina Sutton
 Michelle Swearengin
 Mr. F.M. Tarpley
 Crystal Tavangar
 Mr. and Mrs. Jason Taylor
 Mr. and Mrs. Randy Taylor
 Mr. and Mrs. Dwaine Tebow
 Mr. Kenneth Noel Terrell
 Melissa Theriot
 Debra Thomas
 Ms. Sandra Thomas
 Ms. Reba F. Thompson
 Jessi Timmons
 Courtney Tipton
 Ms. Alice M. Troy
 Sandra Tucker
 Brandi Turner
 Lesa Turner
 Teresa Tyler
 Mr. Mark A. Wadsworth
 Ms. Carla Waggoner
 Ms. Judith Wagoner
 Ms. LaDonna F. Walker
 Billi Wallace, M.D.
 Ms. Melissa Wallace
 Elizabeth Waller, M.D.
 Ms. Kathryn D. Walton
 Mr. Dean Warkentin
 Lavonda Warnemuende
 Ms. Eva Delores Watley
 Drs. Deana S. and Jeffrey Watts
 Ms. Deven S. Weber
 Lori Whetstine
 Mr. and Mrs. James U. White, Jr.
 Kammerin White
 Ms. Loree White
 Mr. and Mrs. T.D. White
 Mr. and Mrs. Milo Whitehead
 Holly Whiteside
 Ms. Johnesha Whiteside
 Jodee Whitlock
 Mr. and Mrs. S. Mark Whittemore
 Tina Whittington
 Ms. Mary Jeanie Wickens

Louisa Williams
 Mr. Ralph Williams
 Ms. Jewel Willis
 Ms. Glory Wine
 Mr. Peter Winn
 Ms. Erica Wiskur
 Mr. and Mrs. Ted Wolfe
 Women of the Moose, Enid Chapter
 LaTonnia Woods
 Ms. Patricia A. Woods
 Elisabeth Woody
 Linda Wortham
 Ms. Sheryl Wright
 Patrizia Yale-Sadberry
 Tammy L. Yanovitch, M.D., M.H.Sc.
 Ms. Pearl Young
 Misty Youngberg
 Mr. Robert Yuyenyongwatana
 Mr. and Mrs. Kenneth Zable
 Lixin Zheng
 Wei Zheng
 Xiaohong Zhou

Acers Society

HONORING DR. THOMAS E. ACERS
 BENEFITING OPHTHALMOLOGY,
 RESIDENT & FELLOW EDUCATION

Acers Society Lifetime Members

Mrs. Jackie Acers	Robert T. Lee, M.D.
Sterling S. Baker, M.D.	James H. Little, M.D.
Ray M. Balyeat, M.D.	Steven M. Montgomery, M.D.
Donald E. Beahm, M.D.	Annie Moreau, M.D.
David A. Bernitsky, M.D.	W. Stanley Muenzler, M.D.
Charles P. Bogie III, M.D., Ph.D.	David W. Parke II, M.D.
D. Randolph Brown, M.D.	Anil D. Patel, M.D.
Robert H. Bullington, Jr., M.D.	John A. Robinson, M.D.
William S. Clifford, M.D.	Nelson R. Sabates, M.D.
Sam S. Dahr, M.D.	Steven R. Sarkisian, Jr., M.D.
James L. Dunagin, M.D.	Lee E. Schoeffler, M.D.
Bradley K. Farris, M.D.	David L. Schwartz, M.D.
Stephen R. Fransen, M.D.	Mark H. Scott, M.D.
Luther L. Fry, M.D.	Scott C. Sigler, M.D.
John M. Garber, O.D.	Gregory L. Skuta, M.D.
Robert D. Gourley, M.D.	Michael L. Soper, M.D.
Scott M. Guess, M.D.	Donald U. Stone, M.D.
Jean R. Hausheer, M.D., F.A.C.S.	Scot A. Sullivan, M.D.
John J. Herlihy, M.D.	Ann Acers Warn, M.D.
P. Lloyd Hildebrand, M.D.	Deana S. Watts, M.D.
Rick D. Isernhagen, M.D.	James B. Wise, M.D.
David W. Jackson, M.D.	Tammy L. Yanovitch, M.D., M.H.Sc.
Mrs. Alison Acers Jetton	David E. Zuech, M.D.
Mahmoud A. Khaimi, M.D.	

2011 ANNUAL DONORS

THE CLINICAL FACULTY, SCIENTISTS AND STAFF of the Dean McGee Eye Institute gratefully acknowledge our annual donors listed below. The generosity of these donors allows us to continue our missions of patient care, vision

research, education and community outreach for the benefit of all Oklahomans. Every effort has been made to include all gifts and pledges from January 1, 2011 – December 31, 2011 (excludes Capital Campaign donors).

\$100,000 +

Mark A. Coyle Estate

\$50,000 - \$99,999

Loris and Pauline Keen Charitable Trust
Mrs. Gladys T. Stuard

\$10,000 - \$49,999

Dr. and Mrs. Bradley K. Farris
Scott M. Guess, M.D.
Mr. and Mrs. Paul Heafy
Ms. Jayne Hopson
Dr. and Mrs. Mahmoud A. Khaimi
Dr. and Mrs. Anil D. Patel
Mr. and Mrs. David E. Rainbolt
Dr. Gregory and Anne Skuta
Mrs. Mary Lou Stark
Dr. and Mrs. Donald U. Stone
Maxine and Jack Zarrow Family Foundation

\$5,000 - \$9,999

Jimmie and Marie Austin Foundation
Donald E. Beahm, M.D.
Crombie Revocable Trust

\$1,000 - \$4,999

Mrs. Jackie Acers
American Academy of Optometry - Oklahoma Chapter

Dr. and Mrs. Ray M. Balyeat
David Bernitsky, M.D.
Drs. Charles P. and Amanda Bogie
Robert H. Bullington, Jr., M.D.
John G. Clarkson, M.D.
Dr. William S. Clifford
James L. Dunagin, Jr., M.D.
Ernest E. Fellers Trust
Luther L. Fry, M.D.
John M. Garber, O.D.
Erin Glasgow, M.D.
Robert D. Gourley, M.D.
John J. Herlihy, M.D.
Independent Charities of America
Rick D. Isernhagen, M.D.
Mr. and Mrs. Jim Jetton
Robert T. Lee, M.D.
Steven N. Montgomery, M.D.
W. Stanley Muenzler, M.D.
Scott A. Murphy, M.D.
Drs. David and Julie Parke
Tamim Qaum, M.D.
John A. Robinson, M.D.
Lee E. Schoeffler, M.D.
David L. Schwartz, M.D.
Drs. Mark and Denise Scott
Drs. R. Michael and Rhea Siatkowski
Mr. Tom Slamans
Michael L. Soper, M.D.
Mr. Christopher Speegle
Dr. and Mrs. Walter J. Stark, Jr.
Scot A. Sullivan, M.D.

Drs. Brett and Ann A. Warn
Drs. Deana S. and Jeffrey Watts
David E. Zuech, M.D.

\$500 - \$999

Lee Anderson, M.D.
Drs. Reagan and Cynthia Bradford
Denise R. Chamblee, M.D.
James Chodosh, M.D., M.P.H.
Daniel S. Conrad, M.D.
Russell D. Crain, M.D., P.C.
Steven Dewey, M.D.
Ralph B. Hester III, M.D.
Mr. Thomas J. Hill
Mr. and Mrs. C. Alan Hough
Mr. and Mrs. Howard Head
J.P. Morgan
Jay C. Johnston, M.D.
Ronald M. Kingsley, M.D.
Oklahoma City Community Foundation
Mr. John Orban III
Drs. Ensa and Jonathan Pillow
Mr. Paul E. Richardson
R. Randall Robinson, M.D.
Ronald McDonald House Charities of Oklahoma City
Ronald McDonald House Charities, Inc., Chicago, IL
Steven R. Sarkisian, Jr., M.D.
Mr. and Mrs. Dick Sias
Elizabeth Waller, M.D.
Roland A. Walters, M.D.

Mr. and Mrs. George Watkins
Ms. Beverly Wittrock
Thomas C. Wolf, M.D.
Tammy L. Yanovitch, M.D., M.H.Sc.

\$250 - \$499

Cimarex Energy Co.
Dr. Richard A. Clay
Sam S. Dahr, M.D.
Mr. and Mrs. Brenton G. Lake
Alan A. Norman, M.D. and Jodi Norman
Vernon Parmley, M.D.
Allyson Doiron Schmitt, M.D.
SUNOCO, INC.
Tessera Energy, LLC

\$100 - \$249

Vimal Bhalla
Ms. Diane K. Brown
Dr. and Mrs. Brian Ceresa
ConocoPhillips Company
Robert E. Cooper, O.D.
Mr. and Mrs. Rod Frates
Ms. Doniece Glenn
Dr. and Mrs. Eric S. Guglielmo
Dr. and Mrs. David Guyton
Handymen R' Us, Inc.
Ben Harvey, M.D.
Yvonne Hilgenberg
Mr. and Mrs. Frank Hill
Kevin A. Kerr, M.D.
Mr. James B. Kite, Jr.

Lance Ruffel Oil and Gas Corp.
Mr. Peter W.C. Mather
Pam McDermott
Dr. and Mrs. James F. McGinnis
Mr. David McKee
Silvia McKeivitt, M.D.
Annie Moreau, M.D.
New Dominion, LLC
ScissorTail Energy
Superior Pipeline Company
Paul Tlucek, M.D.
Russell White
Dr. and Mrs. C.P. Wilkinson

Up to \$99

Gwen Allred
Mr. and Mrs. W.M. Durnil II
Coffeyville Resources
Mr. and Mrs. John Compton
Kristi Cooper
Ms. Carolyn Pyle Crepps
Mr. and Mrs. Walter D. Eggers
Exxon Mobil Corporation
Marti Farrington
Virginia Fulton
John and Sue Gabe
Miriam and Maynard Greenberg
Dr. and Mrs. Wilmer Harms
Mr. Arthur G. "Bill" Hays
Dorothy Hays
Jenna Jo Hellack
High Sierra Crude Oil & Marketing,
LLC

Mike and Desirae Husband
Mr. and Mrs. Bill Marcum
Mr. and Mrs. George Myers
Mrs. Elaine M. Perkins
Claire Ramberg
Mr. Edwin Seaberg
Ms. Nancy Leake Sevenoaks
Mrs. Daniel R. Stough
Striker Petroleum
Oneta Teinert
Texcel Exploration
Nancy Warner
Elizabeth Weaver
Virginia Werkmeister
Billy and Rita West
Mr. and Mrs. Millar White, Jr.

To contribute, please use the pledge card and business reply envelope enclosed in this magazine. For information about contributing to the Dean McGee Eye Institute, please contact Lana G. Ivy, Vice President of Development, 405-271-7803 or e-mail: lane-ivy@dmei.org

campus collaborations lead to discoveries

By Judy Kelley

THE DEAN MCGEE EYE INSTITUTE'S RESEARCH DIRECTOR, Robert E. “Gene” Anderson, M.D., Ph.D., and biochemist Robert A. Floyd, Ph.D. at the Oklahoma Medical Research Foundation (OMRF) became friends over decades of meetings and talking shop about their respective work. Some of those talks centered on Floyd’s discovery in 1988 of a compound called PBN that appeared able to prevent injury to the brain following a stroke.

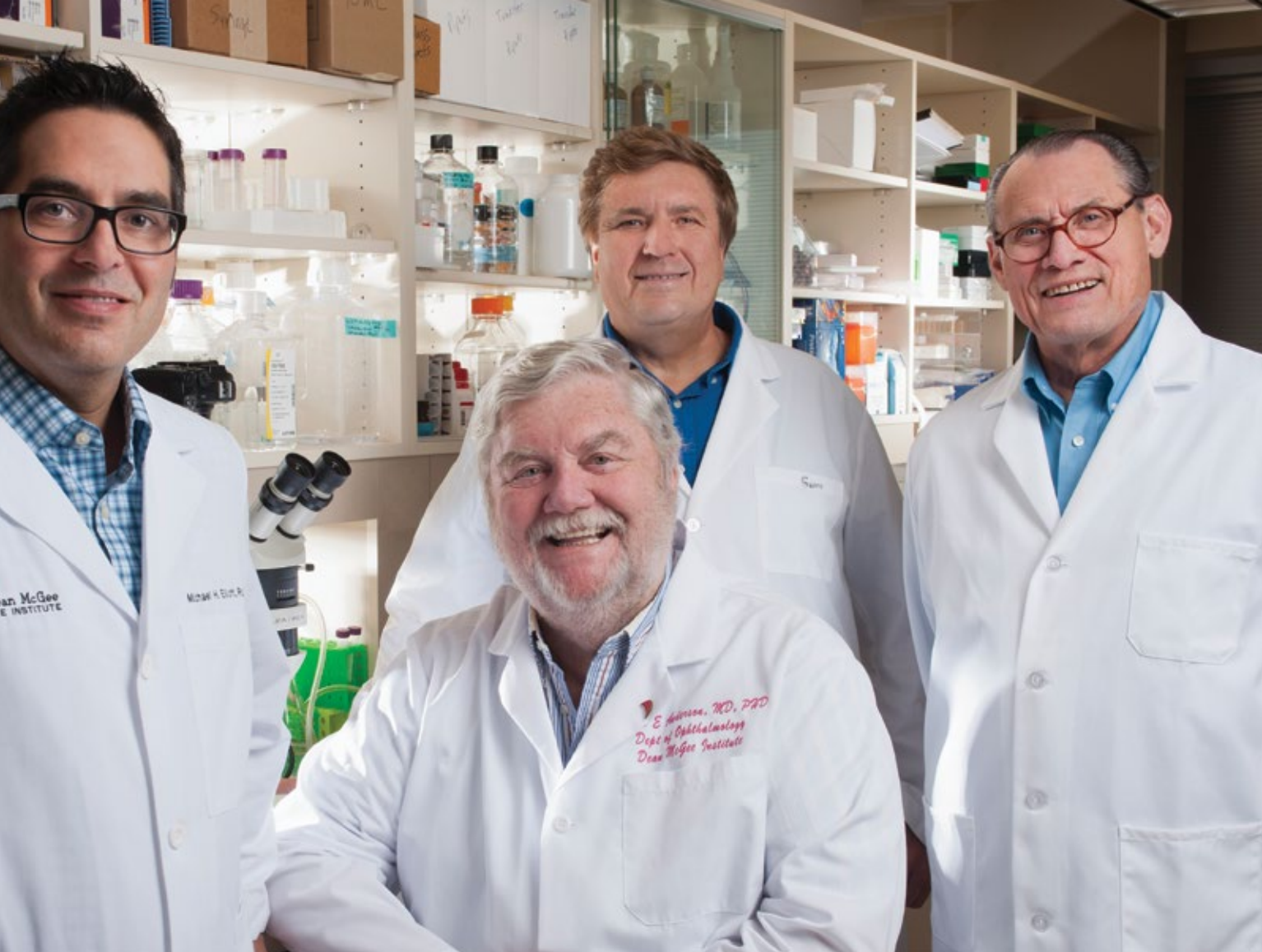
Although a national trial of a PBN derivative failed to warrant its use in strokes, the way the drug worked in the brain gave Anderson the idea that PBN just might succeed in the eye. Anderson reasoned, seemingly counter-intuitively, that because PBN inhibited an enzyme crucial to the eye’s ability to process light, it might also be able to prevent loss of sight and even reverse some existing forms of blindness by limiting the toxic by-products created in the process of sight.

A collaboration was born, with Floyd providing chemical variations of the drug, Anderson and

Nawajes Mandal, Ph.D. testing them at DMEI, and other vision scientists at the University of Oklahoma Health Sciences Center, including Gennadiy Moiseyev, Ph.D. and Jian-Xing “Jay” Ma, M.D., Ph.D., discovering the crucial enzyme’s mechanism. Ma is a leading expert on diabetic retinopathy and chair of the Department of Physiology. Anderson’s lab is now determining the most effective way of delivering the drug to the eye.

“This campus really does function as a team,” said Gregory Skuta, M.D., president and





Pictured left to right (front row): Michael H. Elliott, Ph.D., Robert E. "Gene" Anderson, M.D., Ph.D., (back row): Gennadiy Moiseyev, Ph.D., Robert A. Floyd, Ph.D.

chief executive officer of DMEI and chair of the OU College of Medicine's Department of Ophthalmology. "I have never witnessed a place quite like Oklahoma with respect to how willing people are to help each other and move the entire organization forward for the good of the university and the community."

Of course, not every collaboration involving Dean McGee scientists can come from a longstanding friendship. Instead, most bubble up from the research seminars and conferences

held on campus where inspiration is encouraged for later nurturing in collaborating laboratories.

"If you have common areas of interest and you bring together groups of highly skilled researchers with complementary effects on each other, you multiply the productivity and the quality of the ideas that people have by bouncing ideas off one another," said physician-scientist Timothy J. Lyons, M.D., founding director of the Harold Hamm Diabetes Center and a collaborator with DMEI investigators Anderson and Michael Elliott, Ph.D.

...continued on next page...



...continued from previous page...

Stephen M. Prescott, M.D., president of OMRF, agrees: “Most important research topics require input from individuals with a wide range of skill sets and highly specialized equipment. Scientists can learn more, faster, when we pool resources and draw on one another’s talents. If you add Dean McGee’s strength in clinical trials and vision research to OMRF’s expertise in the laboratory, we make a powerful team.”

“The partnership between the Dean McGee Eye Institute and both the OU Health Sciences Center and Oklahoma Medical Research Foundation is responsible for creating a true national Center of Excellence,” said OU President David L. Boren. “For example, without the university’s collaboration with the Institute, the progress which we are making in the area of diabetic retinopathy would have been impossible. I am deeply grateful to Dr. Skuta and the entire team for thoroughly embracing the spirit of collaboration.”

The monetary effect of the resulting collaborations is impressive. Almost one-fourth of the hard-to-get federal research dollars received on the OU Health Sciences Center campus alone, which includes DMEI and the Diabetes Center, are for vision research. In 2010, vision researchers held approximately 20 of the 80 research grants awarded by the National Institutes of Health to OU Health Sciences Center scientists.

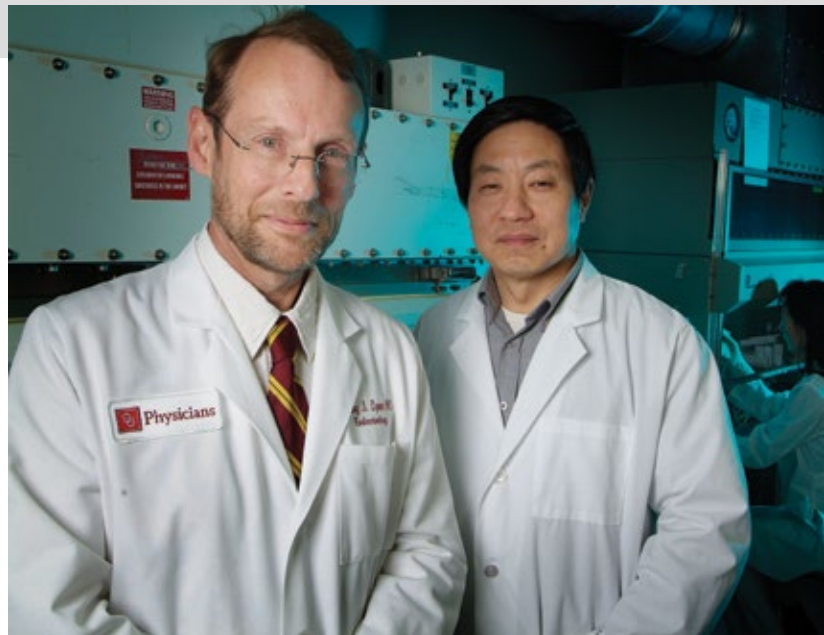
There also is an obvious practical side to collaborations as well. As Anderson points out, “Nobody in today’s world can be an expert at everything. We have to depend on people who do things we don’t do to collaborate with us and carry out their part of the experiment.”

Some collaborations are based on the availability of certain pieces of sophisticated equipment, Anderson added. For example, OMRF has an Advanced Magnetic Resonance Center under the direction of Rheal Towner, Ph.D., who collaborates with Lyons and Elliott by making precise measurements of blood flow in mice models.

By the same token, “working with Dean McGee has enabled us to do work we couldn’t otherwise have done,” Lyons said. An example is sophisticated equipment at DMEI that detects electrical activity in the retina after it’s exposed to a flash of light, and provides scientists with a functional measurement of how well the retina is working in terms of processing light information.

Noting that the sharing of equipment, techniques and skills “cuts both ways” between collaborators, Lyons cited his own practice of providing isolated human lipoproteins to DMEI researchers for use in their studies of diabetic retinopathy.

Lyons said the level of collaboration is unusually high on this campus, an observation echoed by DMEI investigator Elliott, who said he immediately noticed the collegiality among investigators from various academic departments and institutes when he came from Kansas for his postdoctoral vision studies into the causes of eye disease. Of significant benefit to Elliott’s work has been the collaboration with Towner at OMRF and Towner’s special MRI.



Timothy J. Lyons, M.D., and Jian-Xing "Jay" Ma, M.D., Ph.D., in Dr. Ma's laboratory on the OU Health Sciences Center campus.

“Scientists can learn more, faster, when we pool resources...”

Access to high-tech equipment is also important to DMEI researcher James McGinnis, Ph.D., who has discovered that when cerium oxide nanoparticles are placed in the eye, they destroy toxic molecules that cause vision loss when overproduced. At only 3 to 5 nanometers in diameter, McGinnis’ particles are about 1/20,000th the width of a human hair. Collaborator David Sherry, Ph.D., a researcher in OU’s Department of Cell Biology, uses an ion transmission electron microscope on the Norman campus to discover where in the eye these tiny particles park themselves.

McGinnis also collaborated closer to home with DMEI ophthalmologist P. Lloyd Hildebrand, M.D. in establishing a company called Nantiox at the Presbyterian Health Foundation Research Park. Nantiox will market the broad-spectrum anti-oxidant McGinnis has discovered if clinical trials prove its effectiveness in humans. Such human clinical applications represent our ultimate goal. ■

“Alone we can
do so little;
together we
can do so
much.”

—Helen Keller



Lake Murray State Park, Ardmore, Oklahoma Photo Courtesy of John Jernigan Point of View



608 Stanton L. Young Blvd.
Oklahoma City, OK 73104

*Please notify us at (405) 271-7801 if you
wish to be removed from our mailing list.*

NON-PROFIT ORG.
U.S. POSTAGE
PAID
OKLA. CITY, OK
PERMIT NO. 853

• DMEI • invision

inside this issue:

Dr. Siatkowski Receives Regents' Award p.7

DMEI's International Reach in China
and Africa p.16

Collaborations Lead to Discoveries p.28

www.dmei.org