

Briggs Edward Cook, Jr., MD

PRESENT EMPLOYMENT

Charlotte Ophthalmology Center for Sight and Facial Plastic Surgery and The Skin Center of North Carolina

4335 Colwick Road
Charlotte, NC 28211
July 2001-Present

16610 Birkdale Commons Parkway
Huntersville NC 28078

EDUCATION

University of Wisconsin-Madison (July 1999-July 2001)

Davis-Duehr-Dean Clinic

Madison, WI

Fellowship – Oculoplastic and Reconstructive Surgery – Completion date July, 2001

Board eligible – American Academy of Cosmetic Surgery

Mayo Clinic (July 1995-June 1999)

Rochester, MN

Residency - Department of Ophthalmology

Internship - Transitional year program

The Johns Hopkins University School of Medicine (August 1989-June 1995)

Baltimore, MD

Doctor of Medicine

Duke University (August 1985-June 1989)

Durham, NC

Bachelor of Arts, Summa Cum Laude - Chemistry Major

CERTIFICATION

American Board of Ophthalmology: May, 2001

LICENSURE

Minnesota Medical License: Number 39004 (Inactive)

Wisconsin Medical License: Number 40315 (Inactive)

North Carolina Medical License: Number 2001-00337

HOSPITAL AFFILIATIONS

Presbyterian Hospital (Charlotte and Huntersville, NC)

Lake Norman Regional Hospital, Mooresville, NC

FELLOWSHIP RECORD

Honors

- Recipient, Heed Fellowship, July 1999 to June 2000

- Recipient, Knapp Fellowship, July 2000 to June 2001

- Recipient, Richard C. Webster Outstanding Fellow Paper, "The Depressor Supercilii Muscle: Anatomy, Histology, and Cosmetic Implications." Presented at The American Academy Of Cosmetic Surgery. San Diego, CA. 2001

Course Director

- Thirteenth Biennial Ophthalmic Facial Plastics Surgical Techniques Course. University of Wisconsin-Madison Clinical Sciences Center. February 18-19, 2000, Madison, WI.

FELLOWSHIP RECORD (continued)

Theses

- **Eyelid Lymphatics: A Search For Drainage Patterns In The Human And Monkey.** Submitted and accepted by the American Society Of Ophthalmic Plastic and Reconstructive Surgery. May, 2001.
- **The Depressor Supercilii Muscle: Anatomy, Histology, And Cosmetic Implications.** Submitted and accepted by the American Academy of Cosmetic Surgery. July, 2000.

RESIDENCY RECORD

Curriculum

July 1996 - June 1999

- Completed rotations in refraction, pathology, contact lenses, pediatrics, retina, cornea, anterior segment surgery, glaucoma, and oculoplastic and reconstructive surgery.

Extracurricular Activities

July 1996 - July 1997

- Delegate, Minnesota Medical Association. Attended regional meeting of Minnesota Medical Association and national meeting of American Medical Association
- Treasurer, Mayo Fellow's Association

Honors

- Recipient, National Eye Institute (NEI) Fellowship Travel Grant for the 1998 Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting in Fort Lauderdale, Florida
- Recipient, American Ophthalmological Society (AOS) Travel Grant for the 1998 AOS Annual Meeting in Hot Springs, Virginia

Scientific Reviewer

- *Ophthalmic Plastic and Reconstructive Surgery*, May, 1999; March, 2000; December, 2000
- *Ophthalmic Surgery and Lasers*, December, 2000
- *Ophthalmology*, December, 2000

INTERNSHIP RECORD

Curriculum

July 1995 - June 1996

- Otorhinolaryngology, Neurology, and General Internal Medicine

MEDICAL SCHOOL RECORD

Honors

September 1992 - May 1993

- Howard Hughes Medical Institute Research Fellowships for Medical Students Program

Research Experience

September 1992- March 1996

Wilmer Eye Institute
Retinal Degenerations Research Center
The Johns Hopkins University School of Medicine
Preceptor: Dr. Ruben Adler
Topics: 1) Correlations between terminal mitosis and differentiated fate of retinal precursor cells; 2) Apoptotic photoreceptor degeneration in experimental retinal detachment; 3) Apoptotic cell death in the chick retina during normal development, following tectal ablation, and potential rescue by neurotrophic factors.

Research

Experience (continued)

Summer, 1990

The Johns Hopkins St. Mary River Formation Paleontology Expedition
Cutbank, Montana

Preceptor: Dr. David Weishampel

Topic: Researching the evolutionary dynamics of large-bodied vertebrates (particularly the dinosaur species Hadrosaur) who were living in ecological crises approximately 70-75 million years ago.

Publications

Younge, BR, **Cook, BE, Jr.**, Bartley, GB, et al. Initiation of Glucocorticoid Therapy: Before Or After Temporal Artery Biopsy? *Mayo Clin Proc.* 79(4): 483-491, 2004.

Cook, BE, Jr., Lucarelli, MJ, Lemke, BN, et al. The Cynomolgus Monkey As An Anatomic Model For Oculoplastic Surgery. *Ophthal Plast Reconstr Surg.* 18(3): 183-189, 2002.

Cook, BE, Jr., Lucarelli, MJ, Lemke, BN, et al. Eyelid Lymphatics II: A Search For Drainage Patterns In The Monkey And Correlations With Human Lymphatics. *Ophthal Plast Reconstr Surg.* 18(2): 99-106, 2002.

Cook, BE, Jr., Lucarelli, MJ, Lemke, BN, et al. Eyelid Lymphatics I: Histochemical Comparisons Between The Monkey And Human. *Ophthal Plast Reconstr Surg.* 18(1): 18-23, 2002.

Lemke, BN, **Cook, BE, Jr.**, Lucarelli, MJ. Canthus-Sparing Ectropion Repair. *Ophthalmic Plastic and Reconstructive Surgery.* 17(3): 161-168, 2001.

Baratz, KH, **Cook, BE, Jr.**, Hodge, DO. Probability of Nd: YAG Laser Capsulotomy After Cataract Surgery In Olmsted County, Minnesota. *Am J Ophthalmol.* 131: 161-166, 2001.

Cook, BE, Jr., Bartley, GB. Treatment Options And Future Prospects For The Management of Eyelid Malignancies: An Evidence-Based Update. *Ophthalmology.* 108(11): 2088-2098, 2001.

Cook, BE, Jr., Leavitt, JA, Dolan, JW, et al. Carotid Cavernous Fistula Associated With Persistent Primitive Trigeminal Artery. *J Neuroophthalmol.* 20(4): 264-265, 2000.

Cook, BE, Jr., Lemke, BN, Lucarelli, MJ. The Depressor Supercilii Muscle: Anatomy, Histology, And Cosmetic Implications. *American Journal Of Cosmetic Surgery* 17(4): 193-205, 2000.

Cook, BE, Jr., Lemke, BN, Lucarelli, MJ. Small-Incision Cosmetic Surgical Techniques: Upper Eyelid Blepharoplasty And Ptosis Repair Combined With Lower Eyelid Ectropion Repair. Editor: Hopping, S. In *Operative Techniques In Oculoplastic, Orbital, And Reconstructive Surgery.* 3(4): 236-245, 2000 (December).

Cook, BE, Jr., Lemke, BN, Lucarelli, MJ. Small-Incision Cosmetic Surgical Techniques: Lower Eyelid Ectropion Repair. Editor: Hopping, S. In *Operative Techniques In Oculoplastic, Orbital, And Reconstructive Surgery.* 3(4): 246-251, 2000 (December).

Cook, BE, Jr., Lucarelli, MJ. "Anatomical Correlates Of Eyelid Surgery." In *Ophthalmic And Facial Plastic Surgery: A Compendium Of Reconstructive And Aesthetic Techniques.* Editors: Nesi, FA, Gladtsone, GJ, Brazzo, BG, Myint, S, and Black, EH. Slack Inc., Thorofare, NJ, 2001.

Publications (cont.)

Cook, BE, Jr., Lemke, BN, Lucarelli, MJ. "Anatomical Correlates Of Orbital Surgery." In *Ophthalmic And Facial Plastic Surgery: A Compendium Of Reconstructive And Aesthetic Techniques*. Editors: Nesi, FA, Gladtsone, GJ, Brazzo, BG, Myint, S, and Black, EH. Slack Inc., Thorofare, NJ, 2001.

Cook, BE, Jr., Lucarelli, MJ. "Anatomical Correlates Of Lacrimal Surgery." In *Ophthalmic And Facial Plastic Surgery: A Compendium Of Reconstructive And Aesthetic Techniques*. Editors: Nesi, FA, Gladtsone, GJ, Brazzo, BG, Myint, S, and Black, EH. Slack Inc., Thorofare, NJ, 2001.

Lucarelli, MJ, **Cook, BE, Jr.** "Anatomical Correlates Of Head And Neck Surgery." In *Ophthalmic And Facial Plastic Surgery: A Compendium Of Reconstructive And Aesthetic Techniques*. Editors: Nesi, FA, Gladtsone, GJ, Brazzo, BG, Myint, S, and Black, EH. Slack Inc., Thorofare, NJ, 2001.

Cook, BE, Jr., Lemke, BN. Cosmetic Blepharoplasty: Upper Eyelid Techniques. In *Oral and Maxillofacial Surgery Clinics of North America*. Editor: Joseph Niamtu, III, DDS, 12(4): 673-688, 2000

Cook, BE, Jr., Robertson, DM. Confluent Choroidal Infiltrates With Sarcoidosis. *Retina* 20(1-7), 2000.

Cook, BE, Jr., Bartley, GB, Pittelkow, MR. Ophthalmic Abnormalities in Patients With Cutaneous T-Cell Lymphoma. *Ophthalmology* 106(7): 1339-1344, 1999.

Cook, BE, Jr., Bartley, GB. Epidemiologic and Clinical Characteristics of Patients with Malignant Eyelid Tumors in an Incidence Cohort in Olmsted County, Minnesota. *Ophthalmology* 106(4): 746-750, 1999.

Cook, BE, Jr., Bartley, GB, Pittelkow, MR. Ophthalmic Abnormalities in Patients with Cutaneous T-Cell Lymphoma. *Tr. Am. Ophth. Soc.* Vol. XCVI: 309-327, 1998.

Cook, BE, Jr., Portera-Cailliau, C, Adler, RA. Is Developmental Neuronal Death Universal in the CNS? A Study with Chick Embryo Retina. *J. Comp. Neurol.* 396(1): 12-19. 1998.

Nishamura, JK, **Cook, BE, Jr.**, Pach, JM. Whipple's Disease Presenting as Posterior Uveitis without Prominent Gastrointestinal Symptoms. *American Journal Of Ophthalmology* 126(1): 130-132, 1998.

Cook, BE, Jr., Holtan, SB. Mydriasis from Inadvertent Topical Application of Naphazoline Hydrochloride (Opcon-A, Bausch and Lomb). *The CLAO Journal* 24(2): 72, 1998.

Cook, BE, Jr., Bartley, GB. Acute Lymphoblastic Leukemia Manifesting in an Adult as a Conjunctival Mass. *American Journal Of Ophthalmology* 124(1): 104-105, 1997.

Belecky-Adams, T, **Cook, BE, Jr.**, Adler, RA. Correlations between terminal mitosis and differentiated fate of retinal precursor cells *in vivo* and *in vitro*: analysis with the "window-labeling" technique. *Developmental Biology* 178(2): 304-315, 1996.

Cook, BE, Jr., Lewis, GP, Fisher, SK, Adler RA. Apoptotic Photoreceptor Degeneration In Experimental Retinal Detachment. *Invest. Ophthalmol. Vis. Sci.* 36(6): 990-996, 1995.

**Manuscripts Accepted
For Publication**

Cook, BE, Jr., Lucarelli, MJ, Lemke, BN. Chapters on lacrimal system, eyelids, and orbit. In *Adler's Physiology of the Eye (10th Edition)*. In Press.

Cook, BE, Jr., Lucarelli, MJ, Lemke, BN. Chapter on external dacryocystorhinostomy. In *Pearls And Complications In Ophthalmic Plastic Surgery* (Editor: Brazzo, B).

Lucarelli, MJ, **Cook, BE, Jr.**, Lemke, BN. Chapter external on small-incision external levator repair. In *Pearls And Complications In Ophthalmic Plastic Surgery* (Editor: Brazzo, B).

Mahr, MA, **Cook, BE, Jr.**, Younge, BR. Kearns-Sayre Syndrome and Normal Tension Glaucoma: A Case Report. Manuscript accepted for publication in *Ophthalmology*.

Lucarelli MJ, **Cook BE, Jr.**, Lemke BN. Small Incision External Levator Repair. In *Complications In Ophthalmic Plastic Surgery*. Editor, Brazzo, BG. Springer-Verlag, New York, 2001.

Cook BE, Jr., Lemke BN, Lucarelli MJ. External Dacryocystorhinostomy. In *Complications In Ophthalmic Plastic Surgery*. Editor, Brazzo, BG. Springer-Verlag, New York, 2001.

**Manuscripts Submitted
For Publication**

Cook, BE, Jr., Bartley, GB, Younge, BR. Giant Cell Arteritis: Clinical Decision Making.

Chiavetta, III, SV, **Cook, BE, Jr.**, Salamao, DR. Leiomyoma Of The Bulbar Conjunctiva.

Invited Lectures

"Small-Incision Oculoplastic Surgery." Mayo Clinic Invited Lecture. April 20, 2001.

"Cosmetic Surgery Of The Eyes: Anatomy, Techniques, Approaches, And Review Of The Complications And Treatments." American Academy Of Cosmetic Surgery Annual Review Course. March 3-4, 2001. Dallas, TX.

"Cosmetic Blepharoplasty." American Academy Of Cosmetic Surgery 17th Annual Scientific Meeting. February 8-11, 2001. San Diego, CA.

"The Depressor Supercilii Muscle: Anatomy, Histology, And Cosmetic Implications." American Academy Of Cosmetic Surgery 17th Annual Scientific Meeting. February 8-11, 2001. San Diego, CA.

"Malignant Lesions Of The Caruncle." Wisconsin Society Of Ophthalmic Plastic And Reconstructive Surgery. Waukesha, WI. February 2, 2001.

"Orbital Implants: Complications Of Pegging." American Society Of Ocularists Medical Advisory Board Meeting. October 25, 2000, Dallas, TX.

"Oculoplastic Surgery: Anatomic Foundations, Surgical Techniques, and Enhanced Results." American Academy of Ophthalmology Annual Meeting Skills Transfer Course. October 25, 2000, Dallas, TX.

"Orbital Fractures." Davis Duehr Dean Lecture Series. March 15, 2000, Madison, WI.

"Oculoplastic Surgery: Anatomic Foundations, Surgical Techniques, and Enhanced Results." American Academy of Ophthalmology Annual Meeting Skills Transfer Course. October 27, 1999, Orlando, FL.

"Endoscopic Transnasal Lacrimal Surgery: Principles and Practice." American Academy of Ophthalmology Annual Meeting Skills Transfer Course. October 26, 1999, Orlando, FL.

Invited Lectures (cont.) “Orbital Osteology; Clinical Correlation: Orbital Decompression.” Fourteenth Biennial University of Wisconsin Facial and Orbital Anatomy Dissection Course. University of Wisconsin-Madison Medical Sciences Center. February 26-27, 1999, Madison, WI.

**Lectures To Residents:
Oculoplastics/Pathology
Conferences**

Cook, BE, Jr., Grostern, RJ. *Microcystic Adnexal Tumor; Lentigo Maligna Melanoma.* February 8, 2000.

Cook, BE, Jr., Grostern, RJ. *Glomus Cell Tumors.* November 29, 1999.

Cook, BE, Jr., Grostern, RJ. *Dermoid and Lipodermoid Tumors.* November 9, 1999.

Cook, BE, Jr., Grostern, RJ. *Malignant Melanoma.* September 14, 1999.

Cook, BE, Jr., Grostern, RJ. *Gliomatosis Cerebri; Basal Cell Carcinoma.* August 24, 1999.

Cook, BE, Jr., Grostern, RJ. *Fungal Keratitis Leading to Enucleation; Neurofibromatosis.* August 17, 1999.

Cook, BE, Jr., Grostern, RJ. *Squamous Cell Carcinoma; Rhabdomyosarcoma.* August 10, 1999.

Grand Rounds

“The Depressor Supercilii Muscle: Anatomy, Histology, And Cosmetic Implications.” Presented at Grand Rounds, University of Wisconsin-Madison Medical School, February 2, 2001.

“Canthus-Sparing Ectropion Repair.” Presented at Grand Rounds, University of Wisconsin-Madison Medical School, November 17, 2000.

“Kearns-Sayre Syndrome and Normal Tension Glaucoma.” Presented at Grand Rounds, University of Wisconsin-Madison Medical School, August 6, 1999.

“LASIK Complications: Fungal Keratitis.” Presented at Grand Rounds, University of Wisconsin-Madison Medical School, June 2, 2000.

Presentations

Cook, BE, Jr. *Orbital Implants: Complications Of Pegging.* Presented at the American Society Of Ocularists Medical Advisory Board Meeting. American Academy Of Ophthalmology Annual Meeting, October 25, 2000, Dallas, TX.

Cook, BE, Jr. *Canthus-Sparing Ectropion Repair.* Presented at the American Society Of Ophthalmic Plastic And Reconstructive Surgery. American Academy Of Ophthalmology Annual Meeting, October 20, 2000, Dallas, TX.

Lemke, BN, Tarrus-Montaner, S, Lucarelli, MJ, **Cook, BE, Jr.,** Khwarg, SI. Lateral Limbal Canthal Distance (LCD): A Useful New Clinical Parameter. Presented at the American Society Of Ophthalmic Plastic And Reconstructive Surgery Annual Meeting. October 21, 200, Dallas, TX.

Lectures on: *Management of Dog-Ear, Periocular Lacerating Trauma, Lower Eyelid Ectropion and Entropion, and Dacryocystorhinostomy.* Presented at the Thirteenth Biennial Ophthalmic Facial Plastics Surgical Techniques Course. University of Wisconsin-Madison Clinical Sciences Center. Madison, WI. February 18-19, 2000.

Lemke, BN, **Cook, BE, Jr.** Lectures on: *Upper Eyelid Ptosis Repair (Including Small Incision Technique) and Lateral Canthopexy.* Presented at the Thirteenth Biennial Ophthalmic Facial Plastics Surgical Techniques Course. University of Wisconsin-Madison Clinical Sciences Center. Madison, WI. February 18-19, 2000.

Presentations (cont.)

Cook, BE, Jr. Microcystic Adnexal Carcinoma. Presented at the Annual WISOPRS (Wisconsin Ophthalmic Plastic and Reconstructive Surgery) Spring Meeting, Madison, WI. February 4, 2000.

Cook, BE, Jr. Lentigo Maligna Melanoma. Presented at the Annual WISOPRS (Wisconsin Ophthalmic Plastic and Reconstructive Surgery) Spring Meeting, Madison, WI. February 4, 2000.

Lemke, BN, **Cook, BE, Jr.** Advantages and Indications of External Lower Eyelid Blepharoplasty. Presented at the Annual Academy of Cosmetic Surgery Meeting, Orlando, FL. January 28, 2000.

Cook, BE, Jr., Younge, BR, Bartley, GB. Clinical Usefulness of Temporal Artery Biopsy: When and Where to Biopsy. Presented at the 60th Annual Mayo Alumni Meeting, April 28-May 2, 1999, Acapulco, Mexico.

Cook, BE, Jr., Bartley, GB, Pittelkow, MR. Ophthalmic Abnormalities in Patients with Cutaneous T-Cell Lymphoma. Presented at the American Ophthalmologic Society. May 17-20, 1998, Hot Springs, VA.

Cook, BE, Jr., Pach, JM. Cytomegalovirus Retinitis Associated with Organ Transplantation. Presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 10-16, 1998, Ft. Lauderdale, FL.

Cook, BE, Jr., Bartley, GB. Epidemiologic and Clinical Characteristics of Patients with Malignant Eyelid Tumors in an Incidence Cohort in Olmsted County, Minnesota. Presented at the American Academy of Ophthalmology Annual Meeting, October 26-29, 1997, San Francisco, CA.

Cook, BE, Jr., Bartley, GB, Gray, D. Epidemiologic Characteristics of Patients with Malignant Eyelid Tumors in an Incidence Cohort in Olmsted County, Minnesota. Presented at the Laboratory Medicine/Pathology and Cancer Center Research Symposium, May 20, 1997, Mayo Clinic, Rochester, MN.

Belecky-Adams, T., **Cook, BE, Jr.,** and Adler, R. Plasticity of Retinal Precursor Cells after Terminal Mitosis. Presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 14-19, 1995, Sarasota, FL.

Cook, BE, Jr., Portera-Cailliau, C, Adler, R. Apoptotic Nature of Cell Death During Chick Embryo Retinal Development *In Vivo*. Presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 14-19, 1995, Sarasota, FL.

Adler, R, **Cook, BE, Jr.,** Fisher, SK, Lewis, GP, Nathans, J, Sung, C-H, Portera-Cailliau, C. Cell Death Mechanisms In Retinal Degenerations: A Developmental Perspective. Presented at the International Society for Eye Research (ISER) Annual Meeting, November 11-18, 1994, India.

Adler, R, Portera-Cailliau, C, Sung, C-H, **Cook, BE, Jr.,** Nathans, J. Apoptotic Cell Death in Retinal Development and in Retinal Degenerations. Presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 1-6, 1994, Sarasota, FL.

Cook, BE, Jr., Lewis, GP, Adler, R, Fisher, SK. Photoreceptor Degeneration in Experimental Retinal Detachment: Evidence for an Apoptotic Mechanism. Presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, May 1-6, 1994, Sarasota, FL.

Presentations (cont.)

Cook, BE, Jr. Photoreceptor Degeneration In Experimental Retinal Detachment: Evidence For An Apoptotic Mechanism. Presented at the Fifth Annual Wilmer Eye Institute Research Meeting, April 8, 1994, Baltimore, MD.

Cook, BE, Jr. Sequential Labeling With [3H] Thymidine And Bromodeoxyuridine For The Accurate, High-Resolution Determination Of The Time Of Terminal Mitosis *In Vivo*. Presented at the Johns Hopkins In House Cell Biology Symposium, May 27, 1993, Baltimore, MD.

***Professional
Affiliations***

- American Academy of Ophthalmology
- Minnesota Academy of Ophthalmology
- Wisconsin Academy of Ophthalmology
- Wisconsin Society of Ophthalmic Plastic and Reconstructive Surgery
- American Medical Association
- American Society of Cataract and Refractive Surgery
- Association for Research in Vision and Ophthalmology

UNDERGRADUATE RECORD

- Honors/Activities-*** Angier B. Duke Memorial Scholarship (Four year, full tuition)
- Dean's List With Distinction (all semesters)
 - Phi Beta Kappa
 - Duke University Senior Leadership Award
 - Merck Index Science Award (Senior Chemistry Award)
 - Angier B. Duke Memorial Scholarship Admissions Committee
 - Duke University Program at New College, Oxford, England (Summer, 1988)
 - Duke University Program in Erlangen, West Germany (Summer, 1987)