Division Spotlight: Genetic Medicine

With expanding awareness of the role of genetics in most fields of medicine and increasingly complex genomic testing, the division of Genetic Medicine is involved in many aspects of patient care. The division provides regional expertise in the diagnostic evaluation, genetic counseling, and management of genetic disorders and congenital anomalies. We are located at the Munroe-Meyer Institute for Genetics and Rehabilitation with a satellite office at Children's Hospital. Division faculty includes five board certified clinical geneticists working with six genetic counselors and one nurse practitioner/genetic counselor. We serve patients with congenital anomalies, developmental delay or intellectual disabilities, growth problems, neuromuscular disorders, familial cancer, autism, prenatal teratogen exposures, prenatal counseling for fetal anomalies, and any suspected genetic or hereditary disorder.

The division has an active inpatient genetics consultation service at Omaha hospitals, including Children's Hospital, the Nebraska Medical Center, and Bergan Mercy Hospital. We are fortunate to collaborate closely with the UNMC Human Genetics Laboratory located at the Munroe-Meyer Institute.

Educational activities include a weekly Genetics Case Conference and a monthly Genetics Journal Club. We provide M1 lectures, an M4 elective, and have rotating pediatrics residents. We host University of Arkansas genetic counseling students for their clinical year and provide classroom teaching for their didactic year. Division faculty and staff are frequent guest lecturers at UNMC, regionally, and nationally for trainees in many disciplines and at professional educational conferences. The division has an American Board of Medical Genetics accredited two-year fellowship program in medical genetics that accepts up to two fellows per year, and we are pleased to have Dr. Danita Velasco and Dr. Carey Ronspies entering fellowship in July 2017.

Genetic Medicine Faculty & Clinical Staff

Bruce A. Buehler, MD
Professor of Pediatrics and Pathology
General Genetics, Outreach Clinics, Editor-in-Chief of

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Upcoming Events
Feb 20 | 12PM
Pediatrics Writing Group
UNMC UT 5151

Grand Rounds
A complete schedule for the month is located at www.unmc.edu/Pediatrics

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Newsletter Back Issues
Previous issues are available on the UNMC Pediatrics website (Link).

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Assistant Professor of Pediatrics, Internal Medicine, and Orthopedic Surgery
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Lois Starr, MD
Assistant Professor of Pediatrics
General Genetics, Complex Craniofacial Clinic, Cardiovascular Genetics/Aortopathy Clinic, Autism Clinic, Outreach Clinics, Medical Genetics Fellowship Director

Genetic Counseling Staff

- Beth Conover, MS, APRN, CGC
  Director of Nebraska Teratogen Information Service, Pediatric and General Genetics, Down syndrome, Fetal Alcohol Syndrome

- Gwen Reiser, MS, CGC
  Cancer Genetics

- Sara Fisher, MS, CGC
  Prenatal Genetics

- Shelly Nielsen, MS, CGC
  Pediatric and General genetics, Huntington Disease

- Julianne Hartmann, MS, CGC
  Prenatal Genetics, Cystic Fibrosis

- Terri Blase, MS, CGC
  Cancer Genetics

- Drew Cratsenberg, MS
  Pediatric and General Genetics, Cancer Genetics, Prenatal Genetics

Administrative Staff

- Kim Tyrey, Division Administrative Assistant
- Kristi Horeis
- Cheri Bott
- Brooke Seaton
- April Robinson

Genetic Medicine Research
Division members collaborate with other researchers nationally and internationally on projects including gene discovery for rare syndromes, syndrome delineation, connective tissue disorders, inborn errors of metabolism, osteogenesis imperfecta treatment and quality of life, complementary medicine, the genetics of aortopathies, teratology, and the genetics of autism.

**Genetic Medicine Clinics**

**Omaha Genetics Clinics**

- Munroe-Meyer Institute Genetics Clinic: 402-559-6418
- Children's Hospital Genetics Clinic: 402-955-8800, option 1
- Munroe-Meyer Institute Down syndrome Follow-up Clinic: 402-559-6418
- Munroe-Meyer Institute Fetal Alcohol Syndrome Clinic: 402-559-6418

**Outreach Genetics Clinics**

- Scottsbluff: 308-630-1559
- North Platte: 402-559-3602
- Kearney: 308-698-1250

**Multidisciplinary Clinics**

- Children's Developmental Clinic: 402-955-4160
- Craniofacial Clinic, Boys Town National Research Hospital: 402-498-6629
- Children's Hospital Complex Craniofacial Clinic: 402-955-4169
- Children's Hospital Autism Diagnostic Clinic: 402-955-6570
- MMI Fetal Alcohol Syndrome Clinic: 402-559-6418
- Neurosensory Genetics Clinic, Boys Town National Research Hospital: 402-498-6629
- Children's Hospital Osteogenesis Imperfecta/Metabolic Bone Clinic: 402-955-4199
- Children's Hospital Cystic Fibrosis Clinic: 402-955-5570
- Nebraska Medicine Huntington Disease Clinic: 402-552-6465

**Prenatal Clinics**

- Nebraska Medicine Maternal-Fetal Medicine Clinic: 402-559-4500
- Methodist Women's Hospital Maternal-Fetal Medicine Clinic: 402-815-1970

**Cancer Genetics Clinics**

- Nebraska Medicine Hereditary Cancer Clinics (Peggy Cowdery Care Center/Lied Transplant Center; Village Pointe; Bellevue Medical Center): 402-559-3602
- Methodist Hospital Estabrook Cancer Center: 402-354-5276
- North Platte Cancer Genetics Outreach Clinic: 402-559-3602

**UNMC Research Award Recipients**

A campus ceremony was held January 17th to recognize the 2016 UNMC Research Award recipients. Two faculty members from the Department of Pediatrics received awards this year.
Shelby Kutty, M.D., Ph.D., Division of Pediatric Cardiology, received the Distinguished Scientist Award — which is sponsored by the Chancellor — recognizes researchers who have been among the most productive scientists in the country during the past five years.

Jessica Snowden, M.D., Division of Pediatric Infectious Disease, received the New Investigator Award. New Investigator Awards go to outstanding UNMC scientists who in the past two years have secured their first funding from the National Institutes of Health, the Department of Defense or other national sources. New Investigators also had to demonstrate scholarly activity such as publishing their research and/or presenting their findings at national conventions.