

**Table 3. Institutional Training Grant Support Available to Participating Faculty Members, Departments, or Programs**

Title of Training Grant	Funding Source Including Identifying Number	Active or Pending Project Period	Program Director (Department)	Number of Trainees (Pre/Post) Supported This Year	Total Number of Participating Faculty*	Names of Overlapping Faculty
Predoctoral Research Training in Speech and Hearing	T32 DC007366-02	07/01/2007-06/30/2012	Abbas, P. Communication Sciences & Disorders	4 Predoc	16	
Interdisciplinary Cardiovascular Research Fellowship	T32 HL007121-33	07/01/1975-04/30/2011	Abboud, F. Internal Medicine	13 Postdoc	33	
Research Training: Major Psychoses/Clinical Neurobiology	T32 MH0191113-18	09/01/1991-06/30/2009	Andreasen, N. Psychiatry	5 Postdoc	32	
Predoctoral Training Program in Immunology	T32 AI007485-14	08/01/1995-07/30/2010	Bishop, G. Microbiology	6 Predoc	27	
Statistics in Microbiology, Infectious Diseases and Bioinformatics	T32 GM077973-03	08/01/2006-06/30/2011	Chaloner, K. Biostatistics	3 Predoc	25	
Training in Mechanisms of Parasitism	T32 AI0007511-13	08/01/1996-07/31/2011	Donelson, J. Biochemistry	4 Predoc 3 Postdoc	16	
Research Training Program for Otolaryngology	T32 DC000040-15	07/01/1993-06/30/2009	Gantz, B. Otolaryngology	4 Postdoc	38	

*\*Full Faculty Listings Below  
Updated 9/18/2008*

Training Program in Molecular and Cellular Biology	T32 GM073610-04	07/01/2005-06/30/2010	Gardinier, M. Pharmacology	4 Predoc	55
Interdisciplinary Training Program in Pain Research	T32 NS045549-05	07/01/2004-06/30/2009	Hammond, D. Pharmacology	1 Predoc 2 Postdoc	19
Predocutorial Training in the Pharmacological Sciences	T32 GM067795-05	07/01/2004-06/30/2012	Hell, J. Pharmacology	5 Predoc	40
Institutional NRSA: Molecular & Cellular Biology of the Lung	T32 HL007638-23	07/01/1986-06/30/2011	Hunninghake, G. Internal Medicine	3 Predoc 12 Postdoc	60
Medical Scientist Training Program	T32 GM007337-32	07/01/1977-06/30/2010	Knudson, C. M. Pathology	17 Predoc	133
Program in Hematology: Molecular & Cell Biology Blood Cells	T32 HL007344-30	07/01/1978-06/30/2009	Lentz, S. Internal Medicine	5 Postdoc	29
Predocutorial Training Program in Genetics	T32 GM008629-12	07/01/1997-06/30/2012	Murray, J. Pediatrics	6 Predoc	54
Hematologic and Oncologic Diseases of Childhood	T32 HL080070-04	04/01/2005-03/30/2010	O'Doriso, M. S. Pediatrics	2 Postdoc	36
Predocutorial Training Program in Biotechnology	T32 GM008365-18	07/01/1990-06/30/2011	Quinn, D. Chemistry	7 Predoc	24

**\*Full Faculty Listings Below**  
Updated 9/18/2008

Interdisciplinary Immunology Postdoctoral Training	T32 AI007260-23	09/01/1984-08/30/2011	Rothman, P. Internal Medicine	5 Postdoc	26
Research Training Program in Pediatric Cardiology	T32 HL007413-30	07/01/1978-06/30/2009	Scholz, T. Pediatrics	3 Postdoc	27
Training Program in Free Radical and Radiation Biology	T32 CA078586-09	07/01/1999-11/30/2009	Spitz, D. Radiation Research Laboratory	3 Predoc 3 Postdoc	15
Institutional Training Program in Oral Health Research	T32 DE014678-07	08/10/2002-07/31/2012	Squier, C. Dows Institute for Dental Research	2 Predoc 6 Postdoc	35
Research Training in Infectious Diseases	T32 AI007343-20	07/01/1988-08/31/2009	Stapleton, J. Internal Medicine	4 Postdoc	30
Training in Kidney Disease, Hypertension, Cell Biology	T32 DK007690-17	07/15/1992-06/30/2012	Stokes, J. Internal Medicine	2 Postdoc	35
Training in Molecular Virology and Viral Pathogenesis	T32 AI007533-10	09/01/1998-08/31/2009	Roller, R. Microbiology	3 Predoc	10
Neuroscience Training Program	T32 NS007421-10	07/09/1999-06/30/2009	Tranel, D. Neurology	4 Predoc	38
Physician Training Program in Neonatal Biology	T32 HD041922-05	05/01/2003-04/30/2009	Widness, J. Pediatrics	2 Postdoc	24

**\*Full Faculty Listings Below**  
Updated 9/18/2008

Postdoctoral Training  
in Clinical Genetics  
Research

T32 NR007110-08

08/01/2001-  
05/31/2011

Williams, J.  
Nursing

3 Postdoc

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## **Predocctoral Research Training in Speech and Hearing**

Principal Investigator: Paul Abbas, Communication Sciences and Disorders

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Abbas, Paul	PhD		Communication Sciences & Disorders
Bass-Ringdahl, Sandie	PhD	Assistant Professor	Communication Sciences & Disorders
Bentler, Ruth	PhD	Professor	Communication Sciences & Disorders
Brown, Carolyn	PhD	Professor	Communication Sciences & Disorders
Gantz, Bruce	MD	Professor	Otolaryngology- Head & Neck Surgery
Gfeller, Kate	PhD	Professor	Music
Green, Steven	PhD	Professor	Biology
Hurtig, Richard	PhD	Professor	Communication Sciences & Disorders
McGregor, Karla	PhD	Professor	Communication Sciences & Disorders
Miller, Charles	PhD	Associate Research Scientist	Otolaryngology- Head & Neck Surgery
Murray, Jeffrey	MD	Professor	Pediatrics
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Titze, Ingo	PhD	Professor	Communication Sciences & Disorders
Tomblin, J Bruce	PhD	Professor	Communication Sciences & Disorders
Turner, Christopher	PhD	Professor	Communication Sciences & Disorders
Tyler, Richard	PhD	Professor	Otolaryngology- Head & Neck Surgery

## Interdisciplinary Cardiovascular Research Fellowship

Principal Investigator: Francois Abboud, Internal Medicine

Name	Degree	Title	Department
Abboud, Francois	MD	Professor	Internal Medicine
Baumbach, Gary	MD	Professor	Pathology
Buettner, Gary	PhD	Professor	Radiation Oncology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Chapleau, Mark	PhD	Professor	Internal Medicine
Clarke, William	PhD	Professor	Biostatistics
Dyken, Mark	MD	Associate Professor	Neurology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Faraci, Frank	PhD	Professor	Internal Medicine
Felder, Robert	MD	Professor	Internal Medicine
Heistad, Donald	MD	Professor	Internal Medicine
Hell, Johannes	PhD	Professor	Pharmacology
Howard, Matthew	MD	Professor	Neurosurgery
Hunninghake, Gary	MD	Professor	Internal Medicine
Iannettoni, Mark	MD	Professor	Cardiothoracic Surgery
Johnson, A. Kim	PhD	Professor	Pharmacology
Kerber, Richard	MD	Professor	Internal Medicine
Kregel, Kevin	PhD	Professor	Integrative Physiology
Lamb, Fred	MD,PhD	Professor	Pediatrics
Lamping, Kathryn	PhD	Associate Professor	Internal Medicine
Lentz, Steven	MD,PhD	Professor	Internal Medicine
Lin, Jim	PhD	Professor	Biology
Mahoney, Larry	MD	Professor	Pediatrics
Mark, Allyn	MD	Professor	Internal Medicine
Martins, James	MD	Professor	Internal Medicine
McCray, Paul	MD	Professor	Allergy/Pulmonary Medicine
Miller, Francis	MD	Associate Professor	Internal Medicine
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Sigmund, Curt	MD	Professor	Internal Medicine
Spector, Arthur	MD	Professor Emeritus	Biochemistry
Wallace, Robert	MD	Professor	Epidemiology
Welsh, Michael	MD	Professor	Internal Medicine

## Research Training: Major Psychoses/Clinical Neurobiology

Principal Investigator: Nancy Andreasen, Psychiatry

Name	Degree	Title	Department
Andreasen, Nancy	MD,PhD	Professor	Psychiatry
Arndt, Stephan	PhD	Professor	Psychiatry
Black, Donald	MD	Professor	Psychiatry
Cassell, Martin	PhD	Professor	Anatomy & Cell Biology
Chaloner, Kathryn	PhD	Professor	Biostatistics
Christensen, Gary	DSc	Associate Professor	Electrical & Computer Engineering
Coryell, William	MD	Professor	Psychiatry
Eichmann, David	PhD	Associate Professor	Clinical & Translational Science
Flaum, Michael	MD	Clinical Associate Professor	Psychiatry
Ho, Beng	MD	Associate Professor	Psychiatry
Hunninghake, Gary	MD	Professor	Internal Medicine
Langbehn, Douglas	MD	Associate Professor	Psychiatry
Magnotta, Vincent	PhD	Associate Professor	Radiology
Miller, Del	PharmD,MD	Professor	Psychiatry
Moser, David	PhD	Associate Professor	Psychiatry
Murray, Jeffrey	MD	Professor	Pediatrics
Nopoulos, Peggy	MD	Professor	Psychiatry
O'Hara, Michael	PhD	Professor	Psychology
O'Leary, Daniel	PhD	Professor	Psychiatry
Paradiso, Sergio	MD,PhD	Associate Professor	Psychiatry
Paulsen, Jane	PhD	Professor	Psychiatry
Philibert, Robert	MD,PhD	Professor	Psychiatry
Ponto, Laura	PhD	Associate Professor	Radiology
Robinson, Robert	MD	Professor	Psychiatry
Schultz, Susan	MD	Professor	Psychiatry
Sheffield, Val	MD,PhD	Professor	Pediatrics
Sonka, Milan	PhD	Professor	Electrical & Computer Engineering
Torner, James	PhD	Professor	Epidemiology
Tranel, Daniel	PhD	Professor	Neurology
Wallace, Robert	MD	Professor	Epidemiology
Welsh, Michael	MD	Professor	Internal Medicine
Wemmie, John	MD,PhD	Associate Professor	Psychiatry

## Predocctoral Training Program in Immunology

Principal Investigator: Gail Bishop, Microbiology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Apicella, Michael	MD	Professor	Microbiology
Ashman, Robert	MD	Professor Emeritus	Internal Medicine
Ballas, Zuhair	MD	Professor	Internal Medicine
Bishop, Gail	PhD	Professor	Microbiology
Butler, John	PhD	Professor	Microbiology
Cowdery, John	MD	Professor	Internal Medicine
Dailey, Morris	MD,PhD	Associate Professor	Pathology
Field, Elizabeth	MD	Professor	Internal Medicine
Griffith, Thomas	PhD	Associate Professor	Urology
Harty, John	PhD	Professor	Microbiology
Heusel, Jonathan	MD,PhD	Assistant Professor	Pathology
Hostager, Bruce	PhD	Assistant Professor	Pediatrics
Kline, Joel	MD	Professor	Internal Medicine
Knudson, Michael	MD,PhD	Associate Professor	Pathology
Lubaroff, David	PhD	Professor	Urology
Morita, Craig	MD,PhD	Associate Professor	Internal Medicine
Nauseef, William	MD	Professor	Internal Medicine
Perlman, Stanley	MD,PhD	Professor	Microbiology
Quelle, Frederick	PhD	Associate Professor	Pharmacology
Ratliff, Timothy	PhD	Professor Emeritus	Urology
Rothman, Paul	MD	Professor	Internal Medicine
Varga, Steven	PhD	Assistant Professor	Microbiology
Waldschmidt, Thomas	PhD	Professor	Pathology
Weiner, George	MD	Professor	Cancer Center
Weiss, Jerrold	PhD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Zavazava, Nicholas	MD,PhD	Professor	Internal Medicine

## Statistics in Microbiology, Infectious Diseases and Bioinformatics

Principal Investigator: Kathryn Chaloner, Biostatistics

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Apicella, Michael	MD	Professor	Microbiology
Butler, John	PhD	Professor	Microbiology
Casavant, Thomas	PhD	Professor	Biomedical Engineering
Cavanaugh, Joseph	PhD	Professor	Biostatistics
Chaloner, Kathryn	PhD	Professor	Biostatistics
Chan, Kung-Sik	PhD	Professor	Statistics & Actuarial Science
Clarke, William	PhD	Professor	Biostatistics
Cowles, Mary Kathryn	PhD	Associate Professor	Statistics & Actuarial Science
Dawson, Jeffrey	ScD	Associate Professor	Biostatistics
Huang, Jian	PhD	Professor	Statistics & Actuarial Science
Jones, Michael	PhD	Professor	Biostatistics
Klingelhutz, Aloysius	PhD	Associate Professor	Microbiology
Lang, Joseph	PhD	Professor	Statistics & Actuarial Science
Lenth, Russell	PhD	Professor	Statistics & Actuarial Science
Logsdon, John	PhD	Associate Professor	Biology
Pendergast, Jane	PhD	Professor	Biostatistics
Shih, Ming-Che	PhD	Professor	Biology
Stapleton, Jack	MD	Professor	Internal Medicine
Tierney, Luke	PhD	Professor	Statistics & Actuarial Science
Varga, Steven	PhD	Assistant Professor	Microbiology
Winokur, Patricia	MD	Associate Professor	Internal Medicine
Woodworth, George	PhD	Professor	Statistics & Actuarial Science
Zhang, Ying	PhD	Associate Professor	Biostatistics
Zimmerman, Dale	PhD	Professor	Statistics & Actuarial Science
Zimmerman, M. Bridget	PhD	Clinical Professor	Biostatistics

## Training in Mechanisms of Parasitism

Principal Investigator: John Donelson, Biochemistry

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Apicella, Michael	MD	Professor	Microbiology
Allen, Lee-Ann	PhD	Associate Professor	Internal Medicine
Bishop, Gail	PhD	Professor	Microbiology
Clegg, Steven	PhD	Professor	Microbiology
Donelson, John	PhD	Professor	Biochemistry
Elliott, David	MD,PhD	Professor	Internal Medicine
Harty, John	PhD	Professor	Microbiology
Jones, Brad	PhD	Associate Professor	Microbiology
Kirby, John	PhD	Associate Professor	Microbiology
McCarter, Linda	PhD	Associate Professor	Microbiology
Nauseef, William	MD	Professor	Internal Medicine
Perlman, Stanley	MD,PhD	Professor	Microbiology
Varga, Steven	PhD	Assistant Professor	Microbiology
Weiss, Jerrold	PhD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Yahr, Timothy	PhD	Associate Professor	Microbiology

## Research Training Program for Otolaryngology

Principal Investigator: Bruce Gantz, Otolaryngology- Head & Neck Surgery

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Abbas, Paul	PhD	Professor	Communication Sciences & Disorders
Apicella, Michael	MD	Professor	Microbiology
Banfi, Botond	MD,PhD	Assistant Professor	Anatomy & Cell Biology
Brown, Carolyn	PhD	Professor	Communication Sciences & Disorders
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Canady, John	MD	Professor	Otolaryngology- Head & Neck Surgery
Chang, Kristi	MD	Clinical Assistant Professor	Otolaryngology- Head & Neck Surgery
Davidson, Beverly	PhD	Professor	Internal Medicine
Domann, Frederick	PhD	Professor	Radiation Oncology
Dyken, Mark	MD	Associate Professor	Neurology
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
Finnegan, Eileen	PhD	Associate Professor	Communication Sciences & Disorders
Funk, Gerry	MD	Professor	Otolaryngology- Head & Neck Surgery
Gantz, Bruce	MD	Professor	Otolaryngology- Head & Neck Surgery
Gfellar, Kate	PhD	Professor	Music
Graham, Scott	MD	Professor	Otolaryngology- Head & Neck Surgery
Green, Steven	PhD	Professor	Biology
Hamilton, Grant	MD	Clinical Assistant Professor	Otolaryngology- Head & Neck Surgery
Hansen, Marlan	MD	Assistant Professor	Otolaryngology- Head & Neck Surgery
Hoffman, Henry	MD	Professor	Otolaryngology- Head & Neck Surgery
Howard, Matthew	MD	Professor	Neurosurgery
Karnell, Michael	PhD	Associate Professor	Otolaryngology- Head & Neck Surgery
Knutson, John	PhD	Professor	Psychology
Manaligod, Jose	MD	Associate Professor	Otolaryngology- Head & Neck Surgery
McMurray, Bob	PhD	Assistant Professor	Psychology
Miller, Charles	PhD	Associate Research Scientist	Otolaryngology- Head & Neck Surgery
Murray, Jeffrey	MD	Professor	Pediatrics
Oleson, Jacob	PhD	Assistant Professor	Biostatistics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Smith, Elaine	PhD	Professor	Epidemiology
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Tomblin, J Bruce	PhD	Professor	Communication Sciences & Disorders
Torner, James	MD	Professor	Epidemiology
Turek, Lubomir	MD	Professor	Pathology
Tyler, Richard	PhD	Professor	Otolaryngology- Head & Neck Surgery
Van Daele, Douglas	MD	Assistant Professor	Otolaryngology- Head & Neck Surgery
Wallace, Robert	MD	Professor	Epidemiology
Welsh, Michael	MD	Professor	Internal Medicine

## Training Program in Molecular and Cellular Biology

Principal Investigator: Minnetta Gardinier, Pharmacology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Apicella, Michael	MD	Professor	Microbiology
Artemyev, Nikolai	PhD	Professor	Molecular Physiology & Biophysics
Bickenbach, Jackie	PhD	Associate Professor	Anatomy & Cell Biology
Bishop, Gail	PhD	Professor	Microbiology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Clegg, Steven	PhD	Professor	Microbiology
Cohen, Michael	MD	Professor	Pathology
Davidson, Beverly	PhD	Professor	Internal Medicine
Domann, Frederick	PhD	Professor	Radiation Oncology
Donelson, John	PhD	Professor	Biochemistry
Dunnwald, Martine	PharmD,PhD	Research Scientist	Internal Medicine
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Feiss, Michael	PhD	Professor	Microbiology
Fisher, Rory	PhD	Professor	Pharmacology
Gardinier, Minnetta V.	PhD	Associate Professor	Pharmacology
Geyer, Pamela	PhD	Professor	Biochemistry
Goswami, Prabhat	PhD	Associate Professor	Radiation Oncology
Green, Steven	PhD	Professor	Biology
Hageman, Gregory	PhD	Professor	Ophthalmology
Hell, Johannes	PhD	Professor	Pharmacology
Horne, Mary	PhD	Assistant Professor	Pharmacology
Klingelutz, Aloysius	PhD	Associate Professor	Microbiology
Knudson, Michael	MD,PhD	Associate Professor	Pathology
Kohen, Amnon	PhD	Associate Professor	Chemistry
Koland, John	PhD	Associate Professor	Pharmacology
Lee, Gloria	PhD	Associate Professor	Internal Medicine
Lentz, Steven	PhD	Professor	Internal Medicine
Lidral, Andrew	DDS,PhD	Professor	Orthodontics
Lin, Jim Jung-Ching	PhD	Professor	Biology
Maury, Wendy	PhD	Associate Professor	Microbiology
Moye-Rowley, Scott	PhD	Professor	Molecular Physiology & Biophysics
Murray, Jeffrey	MD	Professor	Pediatrics
Nauseef, William	MD	Professor	Internal Medicine
Paulson, Henry	MD,PhD	Adjunct Professor	Neurology
Price, David	PhD	Professor	Biochemistry
Quelle, Dawn	PhD	Associate Professor	Pharmacology
Rubenstein, Peter	PhD	Professor	Biochemistry
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Sheff, David	MD,PhD	Assistant Professor	Pharmacology
Sigmund, Curt	PhD	Professor	Internal Medicine

Stamnes, Mark	PhD	Associate Professor	Molecular Physiology & Biophysics
Stinski, Mark	PhD	Professor	Microbiology
Stoltzfus, C. Martin	PhD	Professor	Microbiology
Stone, Edwin	MD,PhD	Professor	Ophthalmology & Visual Sciences
Strack, Stefan	PhD	Associate Professor	Pharmacology
Thomas, Christie	MD	Professor	Internal Medicine
Wallrath, Lori	PhD	Associate Professor	Biochemistry
Weeks, Daniel	PhD	Professor	Biochemistry
Weiss, David	PhD	Associate Professor	Microbiology
Welsh, Michael	MD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Wold, Marc	PhD	Professor	Biochemistry
Yeaman, Charles	PhD	Associate Professor	Anatomy & Cell Biology
Zabner, Joseph	MD	Professor	Internal Medicine

## Interdisciplinary Training Program in Pain Research

Principal Investigator: Donna Hammond, Pharmacology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Brennan, Timothy	MD,PhD	Professor	Anesthesia
Benson, Christopher	MD	Associate Professor	Internal Medicine
Davidson, Beverly	PhD	Professor	Internal Medicine
Frey Law, Laura	PT,PhD	Assistant Professor	Physical Therapy
Hammond, Donna	PhD	Professor	Pharmacology
Hell, Johannes	PhD	Professor	Pharmacology
Herr, Keela	RN,PhD	Professor	Nursing
Howard, Matthew	MD	Professor	Neurosurgery
Kennedy, Colleen	MD	Assistant Professor	Obstetrics & Gynecology
Kitamoto, Toshihiro	PhD	Assistant Professor	Anesthesia
Mohapatra, Durga	PhD	Assistant Professor	Pharmacology
Rakel, Barbara	RN,PhD	Assistant Professor	Nursing
Rosenquist, Richard	MD	Professor	Anesthesia
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Schutte, Debra	RN,PhD	Associate Professor	Nursing
Sluka, Kathleen	PT,PhD	Professor	Physical Therapy
Usachev, Yuriy	PhD	Assistant Professor	Pharmacology
Welsh, Michael	MD	Professor	Internal Medicine
Wemmie, John	MD	Assistant Professor	Psychiatry

## Predocutorial Training in the Pharmacological Sciences

Principal Investigator: Johannes Hell, Pharmacology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Anderson, Mark	MD,PhD	Professor	Internal Medicine
Banfi, Botand	MD,PhD	Assistant Professor	Anatomy & Cell Biology
Bishop, Gail	PhD	Professor	Microbiology
Brennan, Timothy	MD,PhD	Professor	Anesthesia
Colgan, John	PhD	Assistant Professor	Internal Medicine
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
DeMali, Kris	PhD	Assistant Professor	Biochemistry
Doorn, Jonathan	PhD	Assistant Professor	Medicinal & Natural Products Chemistry
Duffel, Michael	PhD	Associate Dean	Medicinal & Natural Products Chemistry
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Fisher, Rory	PhD	Professor	Pharmacology
Friestad, Gregory	PhD	Associate Professor	Chemistry
Fuentes, Ernesto	PhD	Assistant Professor	Biochemistry
Geng, Lei	PhD	Professor	Chemistry
Hammond, Donna	PhD	Professor	Pharmacology
Heistad, Donald	MD	Professor	Internal Medicine
Hell, Johannes	PhD	Professor	Pharmacology
Henry, Michael	PhD	Associate Professor	Molecular Physiology & Biophysics
Hohl, Raymond	MD,PhD	Professor	Internal Medicine
Kerns, Robert	PhD	Associate Professor	Medicinal & Natural Products Chemistry
Khademi, Shahram	PhD	Assistant Professor	Biochemistry
Kitamoto, Toshihiro	PhD	Assistant Professor	Anesthesia
Kohen, Amnon	PhD	Associate Professor	Chemistry
Moye-Rowley, Scott	PhD	Professor	Molecular Physiology & Biophysics
Olivo, Horacio	PhD	Associate Professor	Medicinal & Natural Products Chemistry
Prisinzano, Thomas	PhD	Visiting Associate Professor	Medicinal & Natural Products Chemistry
Quelle, Dawn	PhD	Associate Professor	Pharmacology
Quinn, Daniel	PhD	Professor	Chemistry
Rice, Kevin	PhD	Professor	Medicinal & Natural Products Chemistry
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Segaloff, Deborah	PhD	Professor	Molecular Physiology & Biophysics
Sheff, David	MD,PhD	Assistant Professor	Pharmacology
Sluka, Kathleen	PhD	Professor	Physical Therapy
Strack, Stefan	PhD	Associate Professor	Pharmacology
Usachev, Yuriy	PhD	Assistant Professor	Pharmacology
Welsh, Michael	MD	Professor	Internal Medicine
Wiemer, David	PhD	Professor	Chemistry
Wilson, Mary	MD	Professor	Internal Medicine
Yeaman, Charles	PhD	Associate Professor	Anatomy & Cell Biology

## **Institutional NRSA: Molecular & Cellular Biology of the Lung**

Principal Investigator: Gary Hunninghake, Internal Medicine

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Allen, Lee-Ann	PhD	Associate Professor	Internal Medicine
Apicella, Michael	MD	Professor	Microbiology
Ballas, Zuhair	MD	Professor	Internal Medicine
Bishop, Gail	PhD	Professor	Microbiology
Burmeister, Leon	PhD	Professor	Biostatistics
Burns, Trudy	MPH,PhD	Professor	Epidemiology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Casavant, Thomas	PhD	Professor	Biomedical Engineering
Chaloner, Kathryn	PhD	Professor	Biostatistics
Chandran, Krishnan	DSc	Professor	Biomedical Engineering
Chrischilles, Elizabeth	PhD	Professor	Epidemiology
Clarke, William	PhD	Professor	Biostatistics
Clegg, Steven	PhD	Professor	Microbiology
Davidson, Beverly	PhD	Professor	Internal Medicine
Donelson, John	PhD	Professor	Biochemistry
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Faraci, Frank	PhD	Professor	Internal Medicine
Feiss, Michael	PhD	Professor	Microbiology
Haynes, William	MD	Professor	Internal Medicine
Heistad, Donald	MD	Professor	Internal Medicine
Hoffman, Eric	PhD	Professor	Radiology
Hunninghake, Gary	MD	Professor	Internal Medicine
Kline, Joel	MD	Professor	Internal Medicine
Klingelutz, Al	PhD	Associate Professor	Microbiology
Look, Dwight	MD	Associate Professor	Internal Medicine
Lynch, Charles	MD	Professor	Epidemiology
Mallampalli, Rama	MD	Professor	Internal Medicine
McCray, Paul	MD	Professor	Pediatrics
McLennan, Geoffrey	MD	Professor	Internal Medicine
Merchant, James	MD	Professor	Occupational & Environmental Health
Reinhardt, Joseph	PhD	Associate Professor	Biomedical Engineering
Rosenthal, Gary	MD	Professor	Internal Medicine
Rothman, Paul	MD	Professor	Internal Medicine
Scholz, Thomas	MD	Professor	Pediatrics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Shibata, Erwin	PhD	Associate Professor	Molecular Physiology & Biophysics
Sigmund, Curt	PhD	Professor	Internal Medicine
Snyder, Jeanne	PhD	Professor Emeritus	Anatomy & Cell Biology
Sonka, Milan	PhD	Professor	Electrical & Computer Engineering
Spector, Arthur	MD	Professor Emeritus	Biochemistry

Sprince, Nancy	MD	Professor Emeritus	Occupational & Environmental Health
Stapleton, Jack	MD	Professor	Internal Medicine
Stinski, Mark	PhD	Professor	Microbiology
Stokes, John	MD	Professor	Internal Medicine
Stone, Edwin	MD,PhD	Professor	Ophthalmology
Thorne, Peter	PhD	Professor	Occupational & Environmental Health
Titler, Marita	PhD	Professor	Nursing
Todd, Michael	MD	Professor	Anesthesia
Torner, James	PhD	Professor	Epidemiology
Wallace, Robert	MD	Professor	Epidemiology
Wang, Ge	MD	Professor	Radiology
Weeks, Daniel	PhD	Professor	Biochemistry
Weiss, Jerrold	PhD	Professor	Internal Medicine
Weiss, Robert	MD	Professor	Internal Medicine
Welsh, Michael	MD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Yahr, Timothy	PhD	Associate Professor	Microbiology
Zabner, Joseph	MD	Professor	Internal Medicine
Zwerling, Craig	MD	Professor	Occupational & Environmental Health

## Medical Scientist Training Program

Principal Investigator: Michael Knudson, Pathology

Name	Degree	Title	Department
Abboud, Francois	MD	Professor	Internal Medicine
Allen, Lee-Ann	PhD	Associate Professor	Internal Medicine
Anderson, Mark	MD,PhD	Professor	Internal Medicine
Anderson, Michael	PhD	Assistant Professor	Molecular Physiology & Biophysics
Andreasen, Nancy	MD,PhD	Professor	Psychiatry
Artemyev, Nikolai	PhD	Professor	Molecular Physiology & Biophysics
Bickenbach, Jackie	PhD	Associate Professor	Anatomy & Cell Biology
Bishop, Gail	PhD	Professor	Microbiology
Bonthius, Daniel	MD,PhD	Professor	Pediatrics
Brennan, Timothy	MD,PhD	Professor	Anesthesia
Brown, Thomas	PhD	Professor	Orthopaedic Surgery
Buettner, Garry	PhD	Professor	Radiation Oncology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Chandran, Krishnan	DSc	Professor	Biomedical Engineering
Chrischilles, Betsy	PhD	Professor	Epidemiology
Clegg, Steven	PhD	Professor	Microbiology
Cohen, Michael	MD	Professor	Pathology
Colgan, John	PhD	Assistant Professor	Internal Medicine
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
Cullen, Joseph	MD	Professor	Surgery
Dailey, Michael	PhD	Associate Professor	Biology
Davidson, Beverly	PhD	Professor	Internal Medicine
Domann, Frederick	PhD	Professor	Radiation Oncology
Donelson, John	PhD	Professor	Biochemistry
Dupuy, Adam	PhD	Assistant Professor	Anatomy & Cell Biology
Eberl, Daniel	PhD	Associate Professor	Biology
Elcock, Adrian	PhD	Associate Professor	Biochemistry
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
England, Sarah	PhD	Associate Professor	Associate Professor
Faraci, Frank	PhD	Professor	Internal Medicine
Fassler, Jan	PhD	Professor	Biology
Field, Elizabeth	MD	Professor	Internal Medicine
Fisher, Rory	PhD	Professor	Pharmacology
Fritsch, Bernd	PhD	Professor	Biology
Geyer, Pamela	PhD	Professor	Biochemistry
Giudice, George	PhD	Professor	Dermatology
Goswami, Prabhat	PhD	Associate Professor	Radiation Oncology
Gray, Gregory	MD,MPH	Professor	Internal Medicine
Green, Steven	PhD	Professor	Biology
Griffith, Thomas	PhD	Associate Professor	Urology
Grosland, Nicole	PhD	Associate Professor	Biomedical Engineering

Habelhah, Hasem	PhD	Assistant Professor	Pathology
Hageman, Gregory	PhD	Professor	Ophthalmology
Hammond, Donna	PhD	Professor	Anesthesia
Harty, John	PhD	Professor	Microbiology
Heistad, Donald	MD	Professor	Internal Medicine
Hell, Johannes	PhD	Professor	Pharmacology
Henry, Michael	PhD	Associate Professor	Molecular Physiology & Biophysics
Heusel, Jonathan	MD,PhD	Assistant Professor	Pathology
Hoffman, Eric	PhD	Professor	Radiology
Hohl, Raymond	MD,PhD	Professor	Internal Medicine
Horswill, Alex	PhD	Assistant Professor	Microbiology
Howard, Matthew	MD	Professor	Neurosurgery
Johnson, A. Kim	PhD	Professor	Psychology
Jones, Bradley, PhD	PhD	Associate Professor	Microbiology
Kay, Alan	PhD	Professor	Biology
Kirby, John	PhD	Associate Professor	Microbiology
Kitamoto, Toshihiro	PhD	Assistant Professor	Anesthesia
Klingelutz, Aloysius	PhD	Associate Professor	Microbiology
Knudson, Michael	MD,PhD	Associate Professor	Pathology
Kohen, Amnon	PhD	Associate Professor	Chemistry
Kuwana, Tomomi	MD,PhD	Assistant Professor	Pathology
Lee, Gloria	PhD	Associate Professor	Internal Medicine
Lentz, Steven	MD,PhD	Professor	Internal Medicine
Lidral, Andrew	PhD	Associate Professor	Orthodontics
Logsdon, John	PhD	Associate Professor	Biology
Mackey, Michael	PhD	Associate Professor	Biomedical Engineering
Maury, Wendy	PhD	Associate Professor	Microbiology
McCaffrey, Anton	PhD	Assistant Professor	Internal Medicine
McCarter, Linda	PhD	Associate Professor	Microbiology
McCray, Paul	MD	Professor	Pediatrics
Miller, Francis	MD	Associate Professor	Internal Medicine
Morita, Craig	MD,PhD	Associate Professor	Internal Medicine
Moye-Rowley, Scott	MD,PhD	Professor	Molecular Physiology & Biophysics
Murray, Jeffrey	MD	Professor	Pediatrics
Nagy, Peter	MD,PhD	Assistant Professor	Pathology
Nauseef, William	MD	Professor	Internal Medicine
Nopoulos, Peg	MD	Professor	Psychiatry
O'Dorizio, M. Sue	MD,PhD	Professor	Pediatrics
Paulsen, Jane	PhD	Professor	Psychiatry
Perlman, Stanley	MD,PhD	Professor	Microbiology
Piper, Robert	PhD	Associate Professor	Molecular Physiology & Biophysics
Price, David	PhD	Professor	Biochemistry
Proudfit, Herbert	PhD	Professor	Pharmacology
Quelle, Dawn	PhD	Associate Professor	Pharmacology
Rahmouni, Kamal	PhD	Assistant Professor	Internal Medicine

Ramaswamy, S	PhD	Associate Professor	Biochemistry
Reinhardt, Joseph	PhD	Associate Professor	Biomedical Engineering
Rosenthal, Gary	MD	Professor	Internal Medicine
Rothman, Paul	MD	Professor	Internal Medicine
Rubenstein, Peter	PhD	Professor	Biochemistry
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Schlueter, Annette	MD,PhD	Associate Professor	Pathology
Segaloff, Deborah	PhD	Professor	Molecular Physiology & Biophysics
Shea, Madeline	PhD	Professor	Biochemistry
Sheff, David	MD,PhD	Assistant Professor	Pharmacology
Sheffield, Val	MD,PhD	Professor	Pediatrics
Sigmund, Curt	PhD	Professor	Internal Medicine
Sluka, Kathleen	PhD	Professor	Physical Therapy
Slusarski, Diane	PhD	Associate Professor	Biology
Smith, Elaine	MBA,PhD,MPH	Professor	Epidemiology
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Snyder, Peter	MD	Professor	Internal Medicine
Spitz, Douglas	PhD	Professor	Radiation Oncology
Stamnes, Mark	PhD	Associate Professor	Molecular Physiology & Biophysics
Stapleton, Jack	MD	Professor	Internal Medicine
Stipp, Chris	PhD	Assistant Professor	Biology
Stoltzfus, C. Martin	PhD	Professor	Microbiology
Stone, Edwin	MD, PhD	Professor	Ophthalmology
Strack, Stefan	PhD	Associate Professor	Pharmacology
Thomas, Christie	MD	Professor	Internal Medicine
Torner, James	PhD	Professor	Epidemiology
Tranel, Daniel	PhD	Professor	Neurology
Usachev, Yuriy	PhD	Assistant Professor	Pharmacology
Varga, Steven	PhD	Assistant Professor	Microbiology
Waldschmidt, Thomas	PhD	Professor	Pathology
Wallace, Robert	MD	Professor	Epidemiology
Wallrath, Lori	PhD	Associate Professor	Biochemistry
Washington, Todd	PhD	Assistant Professor	Biochemistry
Weeks, Daniel	PhD	Professor	Biochemistry
Weigel, Ronald	MD,PhD	Professor	Surgery
Weiner, George	MD	Professor	Cancer Center
Weiner, Joshua	PhD	Assistant Professor	Biology
Weiss, David	PhD	Associate Professor	Microbiology
Weiss, Jerrold	PhD	Professor	Internal Medicine
Welsh, Michael	MD	Professor	Internal Medicine
Willing, Marcia	MD,PhD	Professor	Pediatrics
Wilson, Mary	MD	Professor	Internal Medicine
Wold, Marc	PhD	Professor	Internal Medicine
Wu, Chun-Fang	PhD	Professor	Biology
Yeaman, Charles	PhD	Associate Professor	Anatomy & Cell Biology

Zabner, Joseph	MD	Professor	Internal Medicine
Zavazava, Nicholas	MD,PhD	Professor	Internal Medicine

## **Program in Hematology: Molecular & Cell Biology Blood Cells**

Principal Investigator: Steven Lentz, Internal Medicine

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Ballas, Zuhair	MD	Professor	Internal Medicine
Bishop, Gail	PhD	Professor	Microbiology
Colgan, John	PhD	Assistant Professor	Internal Medicine
Davidson, Beverly	PhD	Professor	Internal Medicine
Engelhardt, John	PhD	Professor	Anatomy & Cell Biology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Faraci, Frank	PhD	Professor	Internal Medicine
Giangrande, Paloma	PhD	Assistant Professor	Internal Medicine
Haynes, William	MD	Professor	Internal Medicine
Heistad, Donald	MD	Professor	Internal Medicine
Hohl, Raymond	MD,PhD	Professor	Internal Medicine
Janz, Sigfried	MD	Professor	Pathology
Knudson, Michael	MD,PhD	Associate Professor	Pathology
Lentz, Steven	MD,PhD	Professor	Internal Medicine
Link, Brian	MD	Associate Professor	Internal Medicine
McCray, Paul	MD	Professor	Pediatrics
Miller, Francis	MD	Associate Professor	Internal Medicine
Motto, David	MD,PhD	Assistant Professor	Internal Medicine
O'Dorisio, M. Sue	MD,PhD	Professor	Pediatrics
Quelle, Dawn	PhD	Associate Professor	Pharmacology
Rothman, Paul	MD	Professor	Internal Medicine
Schatteman, Gina	PhD	Associate Professor	Integrative Physiology
Schlueter, Annette	MD,PhD	Associate Professor	Pathology
Snyder, Peter	MD	Professor	Internal Medicine
Weiner, George	MD	Professor	Cancer Center
Welsh, Michael	MD	Professor	Internal Medicine
Widness, John	MD	Professor	Pediatrics
Xue, Hai-Hui	MD,PhD	Assistant Professor	Microbiology
Zavazava, Nicholas	MD,PhD	Associate Professor	Internal Medicine

## Predocctoral Training Program in Genetics

Principal Investigator: Jeffrey Murray, Pediatrics

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Anderson, Michael	PhD	Assistant Professor	Molecular Physiology & Biophysics
Bhattacharya, Debashi	PhD	Professor	Biology
Braun, Terry	PhD	Associate Professor	Biomedical Engineering
Campbell, Kevin	PhD	Professor	Molecular Physiology and Biophysics
Casavant, Thomas	PhD	Professor	Biomedical Engineering
Cheng, Chi-Lien	PhD	Associate Professor	Biology
Comeron, Josep	PhD	Associate Professor	Biology
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
Davidson, Beverly	PhD	Professor	Internal Medicine
Dawson, Deborah	PhD, ScM	Professor	Dows Institute for Dental Research
Donelson, John	PhD	Professor	Biochemistry
Eberl, Daniel	PhD	Associate Professor	Biology
El-Shanti, Hatem	MD	Associate Professor	Pediatrics
Fassler, Jan	PhD	Professor	Biology
Feiss, Michael	PhD	Professor	Microbiology
Frankel, Joseph	PhD	Professor	Biology
Geyer, Pamela	PhD	Professor	Biochemistry
Hadany, Lilach	PhD	Adjunct Assistant Professor	Biology
Henry, Michael	PhD	Associate Professor	Biology
Houston, Douglas	PhD	Assistant Professor	Biology
Irish, Erin	PhD	Associate Professor	Biology
Johnson, Wayne	PhD	Professor	Molecular Physiology & Biophysics
Jones, Bradley	PhD	Associate Professor	Microbiology
Kitamoto, Toshihiro	PhD	Assistant Professor	Anesthesia
Klingelutz, Aloysius	PhD	Associate Professor	Microbiology
Lidral, Andrew	PhD	Professor	Orthodontics
Lin, Jim	PhD	Professor	Biology
Logsdon, John	PhD	Associate Professor	Biology
Malone, Robert	PhD	Professor	Biology
McAllister, Bryant	PhD	Associate Professor	Biology
McCaffrey, Anton	PhD	Assistant Professor	Internal Medicine
McCray, Paul	MD	Professor	Pediatrics
Menninger, John	PhD	Professor	Biology
Moye-Rowley, Scott	PhD	Professor	Molecular Physiology & Biophysics
Murray, Jeff	MD	Professor	Pediatrics
Nagy, Peter	PhD	Assistant Professor	Pathology
Patil, Shivanand	PhD	Professor	Pediatrics
Paulson, Henry	MD,PhD	Adjunct Professor	Neurology
Piper, Robert	PhD	Associate Professor	Molecular Physiology & Biophysics
Russo, Andy	PhD	Professor	Molecular Physiology & Biophysics
Schutte, Brian	PhD	Adjunct Associate Professor	Pediatrics

Segre, Albert	PhD	Professor	Computer Science
Sheffield, Val	MD,PhD	Professor	Pediatrics
Shih, Ming-Che	PhD	Professor	Biology
Sigmund, Curt	PhD	Professor	Internal Medicine
Slusarski, Diane	PhD	Associate Professor	Biology
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Stone, Edwin	MD	Professor	Ophthalmology & Visual Sciences
Wallrath, Lori	PhD	Associate Professor	Biochemistry
Wassink, Thomas	PhD	Associate Professor	Psychiatry
Weiss, David	PhD	Associate Professor	Microbiology
Willing, Marcia	PhD	Associate Professor	Pediatrics
Wilson, Mary	MD	Professor	Internal Medicine
Wu, Chun Fang	PhD	Professor	Biology

## Hematologic and Oncologic Diseases of Childhood

Principal Investigator: M. Sue O'Dorisio, Pediatrics

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Bickenbach, Jackie	PhD	Associate Professor	Anatomy & Cell Biology
Bishop, Gail	PhD	Professor	Microbiology
Burns, C. Patrick	MD	Professor Emeritus	Internal Medicine
Burns, Trudy	PhD	Professor	Epidemiology
Damasio, Hanna	MD	Adjunct Professor	Neurology
Davidson, Beverly	PhD	Professor	Internal Medicine
DiPaola, Jorge	MD	Adjunct Clinical Associate Professor	Pediatrics
Domann, Frederick	PhD	Professor	Radiation Oncology
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Fasano, Mary Beth	MD	Clinical Associate Professor	Internal Medicine
Field, Elizabeth	MD	Professor	Internal Medicine
Goldman, Frederick	MD	Associate Professor	Pediatrics
Graham, Michael	MD,PhD	Professor	Radiology
Hammond, Donna	PhD	Professor	Pharmacology
Hichwa, Richard	PhD	Professor	Radiology
Hunninghake, Gary	MD	Professor	Internal Medicine
Kline, Joel	MD	Professor	Internal Medicine
Lamb, Fred	MD,PhD	Professor	Pediatrics
Lamping, Kathryn	PhD	Associate Professor	Internal Medicine
Lentz, Steven	MD, PhD	Professor	Internal Medicine
Mahoney, Larry	MD	Professor	Pediatrics
McCray, Paul	MD	Professor	Pediatrics
Murray, Jeffrey	MD	Professor	Pediatrics
Nopoulos, Peggy	MD	Professor	Psychiatry
O'Dorisio, M. Sue	MD, PhD	Professor	Pediatrics
Perlman, Stanley	MD, PhD	Professor	Microbiology
Schlechte, Janet	MD	Professor	Internal Medicine
Sheffield, Val	MD,PhD	Professor	Pediatrics
Snyder, Jeanne	PhD	Professor Emeritus	Anatomy & Cell Biology
Spitz, Douglas	PhD	Professor	Radiation Oncology
Tsalikian, Eva	MD	Professor	Pediatrics
Weiner, George	MD	Professor	Cancer Center
Widness, John	MD	Professor	Pediatrics
Willing, Marcia	MD,PhD	Professor	Medical Genetics
Wilson, Mary	MD	Professor	Internal Medicine
Winokur, Patricia	MD	Associate Professor	Internal Medicine

## Predocutorial Training Program in Biotechnology

Principal Investigator: Daniel Quinn, Chemistry

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Apicella, Michael	MD	Professor	Microbiology
Cheatum, Christopher	PhD	Assistant Professor	Chemistry
Doorn, Jonathan	PhD	Assistant Professor	Medicinal & Natural Products Chemistry
Duffel, Michael	PhD	Associate Dean	Medicinal & Natural Products Chemistry
Fassler, Jan	PhD	Professor	Biology
Gloer, James	PhD	Professor	Chemistry
Hell, Johannes	PhD	Professor	Pharmacology
Horswill, Alexander	PhD	Assistant Professor	Microbiology
Jin, Zhendong	PhD	Associate Professor	Medicinal & Natural Products Chemistry
Kerns, Robert	PhD	Associate Professor	Medicinal & Natural Products Chemistry
Kohen, Amnon	PhD	Associate Professor	Chemistry
MacGillivray, Leonard	PhD	Associate Professor	Chemistry
Margulis, Claudio	PhD	Associate Professor	Chemistry
Murhammer, David	PhD	Professor	Chemical & Biochemical Engineering
Olivo, Horacio	PhD	Associate Professor	Medicinal & Natural Products Chemistry
Parkin, Gene	PhD	Professor	Civil & Environmental Engineering
Peeples, Tonya	PhD	Associate Professor	Chemical & Biochemical Engineering
Plapp, Bryce	PhD	Professor	Biochemistry
Rethwisch, David	PhD	Professor	Chemical & Biochemical Engineering
Rice, Kevin	PhD	Professor	Medicinal & Natural Products Chemistry
Salem, Aliasger	PhD	Assistant Professor	Pharmaceutics
Shea, Madeline	PhD	Professor	Biochemistry
Subramanian, Rams	PhD	Associate Professor	Biochemistry
Washington, Todd	PhD	Assistant Professor	Biochemistry

## Interdisciplinary Immunology Postdoctoral Training

Principal Investigator: Paul Rothman, Internal Medicine

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Allen, Lee-Ann	PhD	Associate Professor	Internal Medicine
Berg, Daniel	MD	Associate Professor	Internal Medicine
Dailey, Morris	MD,PhD	Associate Professor	Pathology
Elliott, David	MD,PhD	Professor	Internal Medicine
Field, Elizabeth	MD	Professor	Internal Medicine
Griffith, Thomas	PhD	Associate Professor	Urology
Harty, John	PhD	Professor	Microbiology
Heusel, Jonathan	MD,PhD	Assistant Professor	Pathology
Kline, Joel	MD	Professor	Internal Medicine
Knudson, Michael	MD,PhD	Associate Professor	Pathology
Lenert, Petar	MD	Assistant Professor	Internal Medicine
Lubaroff, David	PhD	Professor	Urology
Meier, Jeffrey	MD	Associate Professor	Internal Medicine
Morita, Craig	MD,PhD	Associate Professor	Internal Medicine
Nauseef, William	MD	Professor	Internal Medicine
Perlman, Stanley	MD,PhD	Professor	Microbiology
Quelle, Frederick	PhD	Associate Professor	Pharmacology
Ratliff, Timothy	PhD	Professor Emeritus	Urology
Rothman, Paul	MD	Professor	Internal Medicine
Schlueter, Annette	MD,PhD	Associate Professor	Internal Medicine
Varga, Steven	PhD	Assistant Professor	Microbiology
Waldschmidt, Thomas	PhD	Professor	Pathology
Weiner, George	MD	Professor	Cancer Center
Weiss, Jerrold	PhD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Zavazava, Nicholas	MD,PhD	Professor	Internal Medicine

## Research Training Program in Pediatric Internal Medicine

Principal Investigator: Thomas Scholz, Pediatrics

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Abboud, Francois	MD	Professor	Internal Medicine
Accarregui, Michael	MD	Associate Professor	Pediatrics
Burns, Trudy	PhD	Professor	Epidemiology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Doebbleling, Bradley	MD	Adjunct Professor	Internal Medicine
Fulton, Alice	PhD	Professor	Biochemistry
Haynes, William	MD	Professor	Internal Medicine
Heistad, Donald	MD	Professor	Internal Medicine
Hoffman, Eric	PhD	Professor	Radiology
Lamb, Fred	MD,PhD	Professor	Pediatrics
Lamping, Kathryn	PhD	Associate Professor	Internal Medicine
Lauer, Ronald	MD	Professor	Pediatrics
Lin, Jim	PhD	Professor	Biology
Mahoney, Larry	MD	Professor	Pediatrics
McCray, Paul	MD	Professor	Pediatrics
Rubenstein, Peter	PhD	Professor	Biochemistry
Scholz, Thomas	MD	Professor	Pediatrics
Schutte, Brian	PhD	Adjunct Associate Professor	Pediatrics
Segar, Jeffrey	MD	Professor	Pediatrics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Sigmund, Curt	PhD	Professor	Internal Medicine
Snyder, Jeanne	PhD	Professor Emeritus	Anatomy & Cell Biology
Sonka, Milan	PhD	Professor	Electrical & Computer Engineering
Spector, Arthur	MD	Professor Emeritus	Biochemistry
Tomanek, Robert	PhD	Professor	Anatomy & Cell Biology
Weeks, Daniel	PhD	Professor	Biochemistry
Welsh, Michael	MD	Professor	Internal Medicine

## Training Program in Free Radical and Radiation Biology

Principal Investigator: Douglas Spitz, Radiation Oncology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Anderson, Mark	MD,PhD	Professor	Internal Medicine
Bickenbach, Jackie	PhD	Associate Professor	Anatomy & Cell Biology
Buettner, Garry	PhD	Professor	Radiation Oncology
Carter, A. Brent	MD	Associate Professor	Internal Medicine
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
Cullen, Joseph	MD	Professor	Surgery
Domann, Frederick	PhD	Professor	Radiation Oncology
Goswami, Prabhat	PhD	Associate Professor	Radiation Oncology
Hansen, Marlan	MD	Assistant Professor	Otolaryngology- Head & Neck Surgery
Ianzini, Fiorenza	PhD	Assistant Professor	Pathology
Klingelhut, Aloysius	PhD	Associate Professor	Microbiology
Lentz, Steven	MD,PhD	Professor	Internal Medicine
Miller, Francis	MD	Associate Professor	Internal Medicine
Robertson, Larry	PhD	Professor	Occupational & Environmental Health
Spitz, Douglas	PhD	Professor	Radiation Oncology

## Institutional Training Program in Oral Health Research

Principal Investigator: Christopher Squier, Dows Institute for Dental Research

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Armstrong, Steven	DDS,PhD	Associate Professor	Operative Dentistry
Banas, Jeffrey	PhD	Professor	Dows Institute for Dental Research
Brogden, Kim	PhD	Professor	Dows Institute for Dental Research
Bickenbach, Jackie	PhD	Associate Professor	Anatomy & Cell Biology
Damiano, Peter	DDS,MPH	Professor	Preventative & Community Dentistry
Dawson, Deborah	ScM, PhD	Professor	Dows Institute for Dental Research
Domann, Frederick	PhD	Professor	Radiation Oncology
Drake, David	PhD	Professor	Dows Institute for Dental Research
Goree, John	PhD	Professor	Physics & Astronomy
Gratton, David	DDS, MS	Assistant Professor	Prosthodontics
Jessop, Julie	PhD	Assistant Professor	Chemical & Biochemical Engineering
Kanellis, Michael	DDS, MS	Associate Dean	Dental Clinic Administration
Kolker, Justine	DDS, PhD	Assistant Professor	Operative Dentistry
Leddy, Johna	PhD	Associate Professor	Chemistry
Levy, Steven	DDS,MPH	Professor	Preventative & Community Dentistry
Lidral, Andrew	DDS,PhD	Professor	Orthodontics
Lynch, Charles	MD,PhD	Professor	Epidemiology
Marshall, Teresa	PhD	Assistant Professor	Preventative & Community Dentistry
McCray, Paul	MD	Professor	Pediatrics
Moon, Jerald	PhD	Associate Professor	Communication Sciences & Disorders
Murray, Jeffrey	MD	Professor	Pediatrics
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Schneider, Galen	DDS,PhD	Associate Professor	Prosthodontics
Schutte, Brian	PhD	Adjunct Associate Professor	Pediatrics
Slusarski, Diane	PhD	Associate Professor	Biology
Smith, Elaine	PhD	Professor	Epidemiology
Soll, David	PhD	Professor	Biology
Squier, Christopher	PhD	Professor	Dows Institute for Dental Research
Stanford, Clark	DDS,PhD	Associate Dean	Dows Institute for Dental Research
Strack, Stefan	PhD	Associate Professor	Pharmacology
Thomas, Geb	PhD	Associate Professor	Industrial Engineering
Warren, John	DDS, MS	Associate Professor	Preventative and Community Dentistry
Wefel, James	PhD	Professor	Dows Institute for Dental Research
Wertz, Philip	PhD	Professor	Dows Institute for Dental Research
Willing, Marcia	PhD	Professor	Medical Genetics

## Research Training in Infectious Diseases

Principal Investigator: Jack Stapleton, Internal Medicine

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Allen, Lee-Ann	PhD	Associate Professor	Internal Medicine
Apicella, Michael	MD	Professor	Microbiology
Clegg, Steven	PhD	Professor	Microbiology
Denning, Gerene	PhD	Research Scientist	Emergency Medicine
Diekema, Daniel	MD	Clinical Professor	Internal Medicine
Doern, Gary	PhD	Professor Emeritus	Pathology
Gray, Gregory	PhD	Professor	Epidemiology
Grose, Charles	MD	Professor	Pediatrics
Harty, John	PhD	Professor	Microbiology
Herwaldt, Loreen	MD	Professor	Internal Medicine
Hunninghake, Gary	MD	Professor	Internal Medicine
Jones, Bradley	PhD	Associate Professor	Microbiology
Klingelutz, Al	PhD	Associate Professor	Microbiology
Maury, Wendy	PhD	Associate Professor	Microbiology
McCray, Paul	MD	Professor	Pediatrics
Meier, Jeffrey	MD	Associate Professor	Internal Medicine
Morita, Craig	MD,PhD	Associate Professor	Internal Medicine
Nauseef, William	MD	Professor	Internal Medicine
Perlman, Stanley	MD,PhD	Professor	Microbiology
Pfaller, Michael	MD	Professor Emeritus	Pathology
Roller, Richard	PhD	Professor	Microbiology
Schmidt, Warren	MD,Phd	Professor	Internal Medicine
Stapleton, Jack	MD	Professor	Internal Medicine
Stinski, Mark	PhD	Professor	Microbiology
Stoltzfus, C. Martin	PhD	Professor	Microbiology
Weiss, Jerrold	PhD	Professor	Internal Medicine
Wilson, Mary	MD	Professor	Internal Medicine
Winokur, Patricia	MD	Associate Professor	Internal Medicine
Yahr, Tim	PhD	Associate Professor	Microbiology

## Training in Kidney Disease, Hypertension, Cell Biology

Principal Investigator: John Stokes, Internal Medicine

Name	Degree	Title	Department
Ashman, Robert	MD	Professor Emeritus	Internal Medicine
Ballas, Zuhair	MD	Professor	Internal Medicine
Burns, Trudy	MD	Professor	Epidemiology
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Casavant, Thomas	PhD	Professor	Biomedical Engineering
Chapleau, Mark	PhD	Professor	Internal Medicine
Davidson, Beverly	PhD	Professor	Internal Medicine
Dixon, Bradley	MD	Associate Professor	Internal Medicine
Field, Elizabeth	MD	Professor	Internal Medicine
Haynes, William	MD	Professor	Internal Medicine
Heistad, Donald	MD	Professor	Internal Medicine
Hunninghake, Gary	MD	Professor	Internal Medicine
Hunsicker, Lawrence	MD	Professor	Internal Medicine
Johnson, A. Kim	PhD	Professor	Psychology
Kopp, Ulla	PhD	Professor	Internal Medicine
Mark, Allyn	MD	Professor	Internal Medicine
McCray, Paul	MD	Professor	Pediatrics
Murray, Jeffrey	MD	Professor	Pediatrics
Ratliff, Timothy	PhD	Professor Emeritus	Urology
Rosenthal, Gary	MD	Professor	Internal Medicine
Rothman, Paul	MD	Professor	Internal Medicine
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Segaloff, Deborah	PhD	Professor	Molecular Physiology & Biophysics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Sigmund, Curt	PhD	Professor	Internal Medicine
Sivitz, William	MD	Professor	Internal Medicine
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Stokes, John	MD	Professor	Internal Medicine
Thomas, Christie	MD	Professor	Internal Medicine
Torner, James	PhD	Professor	Epidemiology
Wallace, Robert	MD	Professor	Epidemiology
Welsh, Michael	MD	Professor	Internal Medicine
Williams, Richard	MD	Professor	Urology
Yorek, Mark	PhD	Professor	Internal Medicine
Zavazava, Nicholas	MD	Professor	Internal Medicine

## **Training in Molecular Virology and Viral Pathogenesis**

Principal Investigator: Richard Roller, Microbiology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Bishop, Gail	PhD	Professor	Microbiology
Davidson, Beverly	PhD	Professor	Internal Medicine
Klingelhutz, Aloysius	PhD	Associate Professor	Microbiology
Maury, Wendy	PhD	Associate Professor	Microbiology
McCray, Paul	MD	Professor	Pediatrics
Perlman, Stanley	MD,PhD	Professor	Microbiology
Roller, Richard	PhD	Professor	Microbiology
Stapleton, Jack	MD	Professor	Internal Medicine
Stoltzfus, C. Martin	PhD	Professor	Microbiology
Varga, Steven	PhD	Assistant Professor	Microbiology

## Neuroscience Training Program

Principal Investigator: Daniel Tranel, Neurology

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Abbas, Paul	PhD	Professor	Communication Science & Disorders
Anderson, Steven	PhD	Associate Professor	Neurology
Andreasen, Nancy	MD,PhD	Professor	Psychiatry
Bonthius, Daniel	MD,PhD	Associate Professor	Pediatrics
Campbell, Kevin	PhD	Professor	Molecular Physiology & Biophysics
Cassell, Martin	PhD	Professor	Anatomy & Cell Biology
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
Dailey, Michael	PhD	Associate Professor	Biology
Davidson, Beverly	PhD	Professor	Internal Medicine
Eberl, Daniel	PhD	Associate Professor	Biology
Freeman, John	PhD	Professor	Psychology
Gonzalez-Alegre, Pedro	MD	Assistant Professor	Neurology
Grabowski, Thomas	MD	Professor	Neurology
Green, Steven	PhD	Professor	Biology
Hammond, Donna	PhD	Professor	Anesthesia
Heistad, Donald	MD	Professor	Internal Medicine
Hell, Johannes	PhD	Associate Professor	Pharmacology
Howard, Matthew	MD	Professor	Neurosurgery
Hurtig, Richard	PhD	Professor	Communication Science & Disorders
Johnson, A. Kim	PhD	Professor	Psychology
Lee, Gloria	PhD	Associate Professor	Internal Medicine
Nopoulos, Peg	MD	Professor	Psychiatry
O'Dorisio, Sue	MD,PhD	Professor	Pediatrics
O'Leary, Daniel	PhD	Professor	Psychiatry
Paulsen, Jane	PhD	Professor	Psychiatry
Perlman, Stanley	MD,PhD	Professor	Microbiology
Philibert, Robert	MD,PhD	Associate Professor	Psychiatry
Rizzo, Matthew	MD	Professor	Neurology
Russo, Andrew	PhD	Professor	Molecular Physiology & Biophysics
Sluka, Kathleen	PT,PhD	Professor	Physical Therapy
Strack, Stefan	PhD	Associate Professor	Pharmacology
Talman, William	MD	Professor	Neurology
Tranel, Daniel	PhD	Professor	Neurology
Vecera, Shaun	PhD	Associate Professor	Psychology
Weiner, Joshua	PhD	Assistant Professor	Biology
Welsh, Michael	MD	Professor	Internal Medicine
Wemmie, John	MD,PhD	Assistant Professor	Psychiatry
Wu, Chun-Fang	PhD	Professor	Biology

## Physician Training Program in Neonatal Biology

Principal Investigator: John Widness, Pediatrics

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Bell, Edward	MD	Professor	Pediatrics
Bonthius, Daniel	MD,PhD	Professor	Pediatrics
Burns, Trudy	MPH,PhD	Professor	Epidemiology
Cornell, Robert	PhD	Associate Professor	Anatomy & Cell Biology
Chapleau, Mark	PhD	Professor	Internal Medicine
Dagle, John	MD,PhD	Associate Professor	Pediatrics
DiPaola, Jorge	MD	Adjunct Clinical Associate	Pediatrics
England, Sarah	PhD	Associate Professor	Molecular Physiology & Biophysics
Kreiter, Clarence	MD	Professor	Family Medicine
Lamb, Fred	MD, PhD	Professor	Pediatrics
McCray, Paul	MD	Professor	Allergy/Pulmonary Medicine
Moreland, Jessica	MD	Associate Professor	Pediatrics
Murray, Jeffrey	MD	Professor	Pediatrics
Romitti, Paul	MS,PhD	Associate Professor	Epidemiology
Scholz, Thomas	MD	Professor	Pediatrics
Schutte, Brian	PhD	Adjunct Associate Professor	Pediatrics
Segar, Jeffrey	MD	Professor	Pediatrics
Sheffield, Val	MD,PhD	Professor	Pediatrics
Smith, Richard	MD	Professor	Otolaryngology- Head & Neck Surgery
Weeks, Daniel	PhD	Professor	Biochemistry
Wemmie, John	MD,PhD	Associate Professor	Psychiatry
Widness, John	MD	Professor	Pediatrics
Williamson, Roger	MD	Professor	Obstetrics & Gynecology
Yang, Baoli	MD,PhD	Assistant Professor	Obstetrics & Gynecology

## Postdoctoral Training in Clinical Genetics Research

Principal Investigator: Janet Williams, Nursing

<b>Name</b>	<b>Degree</b>	<b>Title</b>	<b>Department</b>
Ayres, Lioness	RN,PhD	Assistant Professor	Nursing
Burns, Trudy	PhD	Professor	Epidemiology
Butcher, Howard	RN,PhD	Associate Professor	Nursing
Clark, M. Kathleen	RN,PhD	Professor	Nursing
Kleiber, Charmaine	RN,PhD	Associate Professor	Nursing
Lutgendorf, Susan	PhD	Professor	Psychology
Martin, Rene	PhD,RN	Associate Professor	Nursing
McCarthy, Ann Marie	RN,PhD	Director	Nursing
Murray, Jeff	MD	Professor	Pediatrics
Paulsen, Jane	PhD	Professor	Psychiatry
Romitti, Paul	PhD	Associate Professor	Epidemiology
Schultz, Susan	MD	Professor	Psychiatry
Schutte, Brian	PhD	Adjunct Associate Professor	Pediatrics
Schutte, Debra	RN,PhD	Affiliate	Nursing
Specht, Janet	RN,PhD	Associate Professor	Nursing
Taylor, Janette	RN, PhD	Associate Professor	Nursing
Tripp-Reimer, T	RN,PhD	Director	Nursing
Williams, Janet	RN,PhD	Professor	Nursing