HIGHLIGHTS

- More than 80 Ph.D. and M.D./Ph.D. students at BCM are from under-represented populations
- Under-represented students are active participants in frontier-level research
- Many under-represented students at BCM serve in leadership positions and participate in educational and outreach activities
- BCM’s under-represented students have won more than 300 awards and fellowships since 1998

(see inside for more details)

OUTSTANDING RESOURCES AT BCM

- $300 million in research funding in 2009
- 90 nationally recognized research centers
- More than 600 Ph.D. & M.D./Ph.D. students
- More than 400 faculty mentors, 30 UR
- Eight affiliated teaching hospitals
- Texas Medical Center Library
- Joint programs with The University of Houston, The University of Texas Health Science Center, and Rice University.

Ph.D. PROGRAMS

- Biochemistry & Molecular Biology
- Molecular & Cellular Biology
- Molecular & Human Genetics
- Molecular Physiology & Biophysics
- Molecular Virology & Microbiology
- Neuroscience
- Pathology & Immunology
- Pharmacology

Interdisciplinary Programs

- Developmental Biology
- Interdisciplinary Biomedical Sciences
- Structural & Computational Biology & Molecular Biophysics
- Translational Biology & Molecular Medicine

Combined Degree Programs

- M.D./Ph.D. Program
- Clinical Scientist Training Program

BCM Programs that Enhance Diversity

PROGRAMS FOR DEVELOPING SCIENTISTS

- SMART Program (Summer Medical And Research Training) for college students nationwide
- SMART PREP Scholars for research-oriented, under-represented post-baccalaureates
- IMSD (Initiative for Maximizing Student Diversity) for Ph.D. and M.D./Ph.D. students
- IRACDA (Institutional Research and Academic Career Development Awards) for post-docs interested in research and teaching college courses

The Graduate School of Biomedical Sciences
One Baylor Plaza, Room N204, Houston, TX 77030
Minority students are visible and actively involved here. Alaina James (pictured right), as an M.D./Ph.D. student, gave weekly review sessions open to all first-year students taking cell biology and histology. She easily packed two rooms. It’s great to hear other students talking about how thorough her reviews are and how smart she is.”

—LYNNETTE BURKS, Ph.D.
Molecular and Human Genetics

FRONTIER LEVEL RESEARCH
Selected accomplishments of under-represented alumni.

- Victor Acevedo, Ph.D.
  Showed that fibroblast growth factor receptor 1 plays a role in the initiation, progression, and maintenance of prostate cancer and found a potential window to slow or even reverse early-stage prostate cancer.

- William Buitrago, Ph.D.
  Created a transgenic mouse model of a human disease that causes skin blistering and found a way to use siRNA to cure it.

- Carlos Cantu, III, Ph.D., and Cristina Materon, Ph.D.
  Identified regions of B-lactamase that affect antibiotic resistance.

- Anjelica Gonzalez, Ph.D.
  Created a computerized microscopic system that she used to identify 6 molecules that are important in neutrophil attachment, spreading, or migration.

- Richard King, M.D., Ph.D.
  Developed a computer model to explain spacing of neurotransmitter release sites.

- Francisco Naya, Ph.D.
  Cloned a factor regulating the insulin gene and produced a transgenic mouse model of diabetes.

- Aaron Orozco, Ph.D.
  Developed a method to enrich fetal DNA from the mother’s blood to avoid invasive prenatal diagnosis of disease.

- Ramiro Ramirez-Solis, Ph.D.
  Produced the first line of embryonic stem cell derived knockout transgenic mice at BCM.

- Wilmer Roberts, M.D., Ph.D.
  Discovered that a drug in testing to treat high blood pressure caused failure in embryonic chicken and mouse heart development.

- Maria Rodriguez-Rozas, Ph.D.
  Developed a bimolecular fluorescence method to screen 8000 proteins and identified those that interact with the BRCA1 tumor suppressor.

- Javier Sanchez, Ph.D.
  Discovered a new mechanism by which the protein implicated in Alzheimer’s disease causes memory loss.

- Hector Sandoval, Ph.D.
  Found the first evidence of specific targeting of mammalian mitochondria for degradation during red blood cell development, which may be applicable to treating people with some types of anemia or neurodegenerative diseases or cancer.

- Nancy Urizar, Ph.D.
  Science paper defining the mechanism by which a natural product, gugglesterone, lowered cholesterol was featured in hundreds of T.V., radio, magazine, newspaper and website communications worldwide—even CNN.

COMPREHENSIVE, INDIVIDUALIZED EDUCATION

- Cutting-edge research projects
- SMART research program for undergraduates
- Funded SMART GRE Prep Course
- PREP Scholars Post-Baccalaureate mentored researched program featuring cell and molecular biology course, GRE Prep, graduation application workshops, ethics and skills workshops
- Ph.D. student summer preparatory program
- Continually updated literature-based courses
- Seminars by internationally recognized scientists
- Under-represented scientist seminar series
- “Thriving, Not Just Surviving as a Scientist” skills building workshops
- Team building meetings and group activities
- Graduate Student Symposium
- Career Day and Career Resource Center
- Community outreach programs
- Paid internships in teaching, law, business
- Post-doc training in curriculum development and teaching college courses
The SMART Program is more than a summer program. It was the greatest experience of my life. I found a wonderful family at Baylor that made my transition to graduate school more comfortable.”

— WANDA VILA-CARRILES, Ph.D.
Molecular Physiology & Biophysics

SMART
Summer Undergraduate Research Program
- 80 positions each summer
- 35% of students from under-represented populations
- 9 week paid research in a wide range of areas
- Unique daily seminar series
- Graduate School Night
- Workshops on applying to Ph.D., M.D., and M.D./Ph.D., programs
- SMART GRE PREP workshops
- Housing at nearby Rice University

SMART PREP
Research Oriented Post-baccalaureates
- 7 positions/yr for under-represented college graduates
- Technician pay scale for 30 hr/wk and benefits for one year
- Research in a wide range of areas
- Academic development with individualized development plans
  - 8 month molecular and cell biology course
  - Individualized tutoring in specialty areas
  - Weekly Analysis of Problems and Solutions workshops
  - SMART PREP workshops
- Graduate school application and skills workshops
- Funds to attend national scientific conference
- 30 alumni placed in Ph.D. programs; 26 at BCM

IMSD
(Initiative for Maximizing Student Diversity)
Funded by NIH GM56929 (1998-2014)
- 80 underrepresented Ph.D. or M.D./Ph.D. students in 13 Ph.D. programs
- Competitive salary and benefits
- Individualized development plans
- Summer bridge program with review classes
- Tutoring, resource library, skills workshops (qualifying exam, writing, fellowship writing, mock fellowship review)
- Minority Scientist Seminar Series
- IMSD group meetings and activities
- Community outreach

REACH-UP IRACDA
(Research, Education and Career Horizons Institutional Research and Academic Career Development Awards)
Funded by K12GM084887 (2008-2016)
Post-doctoral research at BCM, professional development, training and opportunities to develop and teach undergraduates at partner institutions in the Houston area.
- Four new positions available each year
- Three years of NIH pay scale salary and benefits
- One year mentor support
- Wide choice of mentors and areas of research
- Research budget awarded to post-docs
- Training in teaching and developing curricula
- Teach one course each of two semesters during 2nd - 4th year of post-doc
- Professional skills training and career counseling
- Funds to attend IRACDA conference and a scientific meeting each year
What sets Baylor College of Medicine apart from many research institutions is the high concentration of hospitals that makes it easier to do research that has a direct impact on medicine. Having survived cancer myself, I feel that this ability to improve people’s lives is extremely important.

—Matt Cabral, Ph.D.
Molecular & Human Genetics

“We are delighted that our community of under-represented scientists is continuing to grow and flourish. At BCM we are committed to helping change the face of science.”

—Deborah Johnson, Ph.D.,
Dean, Graduate School of Biomedical Sciences
Professor, Molecular and Cellular Biology
Baylor College of Medicine

I was surprised to see how many people at BCM care about the education of minority students.”

—Daniel Wansley
SMART PREP Scholar,
entered 2005 BCM Ph.D. Program

What sets Baylor College of Medicine apart from many research institutions is the high concentration of hospitals that makes it easier to do research that has a direct impact on medicine. Having survived cancer myself, I feel that this ability to improve people’s lives is extremely important.”

—Matt Cabral, Ph.D.
Molecular & Human Genetics

“MORE THAN 90 UNDER-REPRESENTED SCIENTISTS HAVE RECEIVED Ph.D.s OR M.D./Ph.D.s FROM BCM SINCE 1998.”

ALUMNI OUTCOMES

ADVANCED LEVEL TRAINING

• Post-docs at Baylor College of Medicine, Duke, M.D. Anderson Tumor Hospital and Institute, MIT, NIH, Northwestern, Sloan Kettering, Southwestern Medical School, St. Jude’s Children’s Hospital, Texas Children’s Hospital, University Alabama at Birmingham, UC Berkley, UCSF, University of Washington, Washington University.
• Residencies at Duke, Emory, Harvard, Johns Hopkins, Massachusetts General, Universities of Chicago, Pennsylvania, Washington University

OUR STUDENTS BECOME LEADERS ACROSS THE COUNTRY

• Faculty positions at Baylor College of Medicine, Duke, Harvard, Houston Baptist University, Johns Hopkins, Southwestern Medical School, Universities of Kentucky, Maryland, Pennsylvania, Puerto Rico and Utah, Stanford, Washington University, Yale
• Employed at biotechnology or pharmaceutical firms in Alabama, Arizona, California, Kentucky, New Jersey, Texas, Virginia and Washington
• Program Director at National Human Genome Research Institute
• Science public policy career at the State Department
• Patent attorney, technology transfer, grants management

Congratulations to Ramon Diaz-Arrastia, M.D., Ph.D. and James Versolovic, M.D., Ph.D., on being chosen as the Outstanding Alumnus of the Graduate School of Biomedical Sciences at Baylor College of Medicine

PRESIDENTIAL AWARD
Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring to Gayle Slaughter, Ph.D.

Deborah Johnson, Ph.D.
Dean, Graduate School of Biomedical Sciences
Professor, Molecular and Cellular Biology
Baylor College of Medicine
**AWARDS TO BCM Ph.D. AND M.D./Ph.D. STUDENTS**

**Baylor College of Medicine Awards**

**Entering Students**

- BCM Presidential Scholars
  - Stacy Johnson, M.D., Ph.D.*
  - Eric Hyun, Ph.D.
- BRASS Scholars
  - Lynnette Burks, Ph.D.
  - Stacy Johnson, Ph.D.*
  - Eric Hyun, Ph.D.
  - Chris Bland
  - Beatriz Santillan
- DeBakey Scholars
  - Leah Elizondo, Ph.D.
  - Alan Guerrero
- Mary Greenwood Scholar
  - James Cuillier

**Academic Awards**

- MSTP Program Award for Basic Sciences (2002 and 2003)
  - Eric Hyun, Ph.D.
- Claude W. Smith Awards from Cell and Molecular Biology
  - Joel Otero, Ph.D.
  - Chris Lopez, Ph.D.
  - Juan Crespo-Barreto, Ph.D.
  - Fernando Camargo, Ph.D.*
  - Jocelyn Galloway
  - Tiffany Sills, Ph.D.
  - Rocio Benabentos
  - Diane Scaduto
  - AJ Hinton
- Anthony R. Means Award from MCB
  - Alejandro Contreras, M.D., Ph.D.
- John Trenton Award for Academic Excellence
  - Lynnette Burks, Ph.D.
  - Joel Otero, Ph.D.
  - Juan Crespo-Barreto, Ph.D.
  - Brian Nadin, Ph.D.
  - Jennifer Johnson
  - Michael Paolini

**Outstanding Students**

- Outstanding BCM Graduate Student
  - Deborah K. Martin Award
    - Yarimar Carrasquillo, Ph.D.
      - (Neuroscience)
    - Alejandro Contreras, M.D., Ph.D.
      - (Molecular and Cellular Biology)
    - Chris Bland
      - (Cell and Molecular Biology)
    - Ashley Ramirez Herrick
      - (Molecular and Cellular Biology)
  - Outstanding Graduate Student and/or Deborah K. Martin Award Nominee
    - Susan Magdaleno, Ph.D.
      - (Cell Biology)
    - Cynthia DeLeon Galvan, Ph.D.
      - (Neuroscience)
    - Kelvin Moses, M.D., Ph.D.
      - (Mol. & Cellular Biol.)
    - Wanda Vila-Carriles, Ph.D.
      - (Mol. Physiology & Biophysics)
    - Donald Glass II, M.D., Ph.D.
      - (Mol. Human Genetics)
    - Ryan Udanz, Ph.D.
      - (Developmental Biology)
    - Maria Fadri, Ph.D.
      - (Mol. Physiol. & Biophysics)
      - (Cell and Molecular Biology)
    - Jonathan Respress
      - (Cardiovascular Sciences)
    - Monica Garcia, Jonathan Respress
      - (Molecular Physiology & Biophysics)
    - Rossitza Irobalieva
      - (Struc & Computational Biol & Mol Biophysics)
    - Carlos Perez Torres
      - (Translational Biology & Molecular Medicine)
    - Joseph Valdez
      - (Molecular and Cellular Biology)

**Best Teaching Assistant**

- Chris Bland

**Research Awards**

- BCM Graduate Student Symposium
  - Best Presentation
    - Cynthia Galvan, Ph.D.
    - Fernando Camargo, Ph.D.*
    - Chris Bland
  - Commendation for Platform Presentation
    - Yarimar Carrasquillo, Ph.D.
- Symposium Speakers
  - Pascal Lafontante, Ph.D.
  - Donald Glass, M.D., Ph.D.
  - Maria Fadri, Ph.D.
  - Stacy Johnson, M.D., Ph.D.
  - Rocio Benabentos
  - Monica Garcia
  - Víctor Venegas, Ph.D.
  - William Buitrago, Ph.D.
  - Juan Crespo-Barreto, Ph.D.
  - Hector Sandoval, Ph.D.
  - Ana Moran, M.D.
  - Chris Bland
  - Jonathan Respress
  - Erika Perez
  - Rossitza Irobalieva
  - Ivette Sandoval

**1st place poster**

- Cristina Materon, Ph.D.
- Susan Magdaleno, Ph.D.
- Ewelina Young

**2nd place poster**

- Wanda Vila-Carriles, Ph.D.
- Alejandro Contreras, Ph.D.
- Ryan Udanz, Ph.D.
- William Buitrago, Ph.D.
- JoyAnn Phillips Rohan, Ph.D.
- Berenice Carrilo
- Ashley Ramirez Herrick
- AJ Hinton
- Jonathan Respress

**3rd place poster**

- Chris Lopez, Ph.D.
- Lynnette Burks, Ph.D.
- Pascal Lafontante, Ph.D.
- Yarimar Carrasquillo, Ph.D.
- Anjelica Gonzalez, Ph.D.
- Oginkan Sofola, Ph.D.*
- Maria Fadri, Ph.D.
- Víctor Acevedo, M.D.
- Joel Otero, Ph.D.
- Ryan Udanz, Ph.D.
- Rocio Benabentos
- Jonathan Respress
- Monica Garcia
- Mario Oyola
- Poster Finalists
  - Glendie Marcelin, Ph.D.
  - Maria Fadri, Ph.D.
  - Miguel Medina
  - Ti Nguyen, Ph.D.
  - JoyAnn Phillips Rohan, Ph.D.
  - Lori Horton
  - Ingrid Hansen
  - Monica Montoya
  - Elizabeth Villegas

**Biochemistry Retreat**

- Victor Venegas, Ph.D.
  - (Runner-up Poster; Best Poster; Best Talk)
- Leroy Hubert (Best Talk)
- Ivette Sandoval (Honorable Mention)
- Maria Rodriguez, Ph.D.
  - (3rd Place Poster)
- Monica Montoya (3rd Place Talk)

**Breast Center Retreat**

- Joel Otero, Ph.D. (3rd Place Poster)

**Cell and Molecular Biology Retreat**

- Fernando Camargo, Ph.D.*
  - (Best Talk; Best Poster)
- Joel Otero, Ph.D. (Best Poster)
- Leah Elizondo, Ph.D. (Best Talk)
- Rocio Benabentos (Best Poster)

* International student

continued > > >
AWARDS TO BCM PH.D. AND M.D./Ph.D. STUDENTS CONTINUED

Chris Bland (Best Talk)
AJ Hinton (Best Poster)

- Immunology Retreat
  Hector Sandoval, Ph.D. (Best Talk)
  Alan Guerrero, Ph.D.
  (1st & 2nd Place Poster; 3rd Place Talk)
  Aaron Orozco (3rd Place Poster)

- M.D./Ph.D. Program Retreat
  William Buitrago, Ph.D.
  (Best Talk; Best Poster)

- Molecular and Cellular Biology
  Stacy Johnson, M.D., Ph.D.
  (Best Talk)
  JoyAnn Phillips Rohan, Ph.D.
  (2nd Place Talk)
  William Buitrago, Ph.D.
  (Best Poster; Best Talk)
  Ashley Ramirez (3rd Place Talk)
  Ashley Ramirez (3rd Place Poster)
  Hugo Villanueva (Poster Finalist)
  Ebelin Young (Poster Finalist)
  Ebelin Young (tied Best Talk)
  Michelle Seymour
  (2nd Place Poster)

- Molecular Physiology & Biophysics:
  Maria Padri, Ph.D. (Best Talk)
  Monica Garcia (Best Talk)
  Jonathan Respress (2nd Place Poster)

- Molecular Virology and Microbiology Retreat
  Chisaroka Echendu, Ph.D.
  (2nd Place Poster)
  Chris Lopez, Ph.D.
  (1st Place Poster; 2nd Place Talk)
  Berenice Carrillo (3rd Place Poster)
  Jeanette Criglar, Ph.D.
  (1st Place Poster; 3rd Place Talk)
  Bonnie Youmans
  (2nd Place Poster)

- Molecular Surgeon Young Investigator

- Structural Computational Biology & Molecular Biophysics Retreat:
  Anjelica Gonzalez, Ph.D.
  (Tied for Best Presentation)
  Rossi Irobalieva, Michael Lopez
  (1st Place Talk)

- Translational Biology & Molecular Medicine
  Cristian Iidefonso (Most Outstanding Publication, 2009-2010)
  Valentine Ongeri (2nd Place Poster)
  Claudia Arambala (2nd Place Poster)

- Dan Duncan Cancer Center
  Christian Marin Muller
  (1st Place Poster)

- Huntington Center on Aging Retreat
  Michelle Seymour
  (1st Place Poster)
  Fernanda Ruiz
  (3rd Place Poster)

- BCM/UT Research Symposium
  Ivette Sandoval (2nd Place Poster)

- University of Houston Neuroscience Research Center
  Erika Perez (Best Presentation)

- Houston Area Fellowships
  - BCM Licensing Group Internship
    Torey Batts
  - Houston Area Biophysics Grant
    Monica Galaz Montoya
  - Keck Nanobiology Training Fellowship
    Rossi Irobalieva, Berenice Carrillo
  - CPRIT Fellowship
    Joseph Valdez
  - Genes and Environment
    Jaclyn Bravo, Stanley Hooker
  - National Library of Medicine
    Stanley Hooker
  - Keck Pharmacological Sciences
    James Campbell
  - Keck Center Fellowships for Interdisciplinary Bioscience Training
    Elizabeth Jones, Monica Montoya
  - Pharmacoinformatics Keck Fellowship
    Lori Horton
  - Lynch Addiction Research Award
    Erika Perez
    Edwin Alexander

- National and International Awards
  - American Psychological Society Minority Neuroscience Fellowship
    Javier Sanchez, Ph.D.
    James Cuellar
  - Ford Foundation Minority Predoctoral Fellowship
    Chris Bland
  - National Science Foundation Fellowship
    Wanda Vila-Carriles, Ph.D.
    Rocio Benabentos
    Evelyn Young, Ashley Ramirez
  - Neuroscience Society Predoctoral Fellowship
    Kahlii Martin, M.D.
  - UNC/merck Pre-doctoral Dissertation Fellowships
    Richard King, M.D., Ph.D.
    Alatina James, M.D., Ph.D.
    Lynnette Burks, Ph.D.
    Kerin Coleman, M.D., Ph.D.

Kelvin Moses, M.D., Ph.D.
HHMI Guilliam Fellowship
Peric Griffin

- NIH National Research Service Awards
  Carlos Cantu, III, Ph.D.
  Richard King, M.D., Ph.D.
  Brian Phillips
  Cristina Materon, Ph.D.
  Nancy Urizar, Ph.D.
  Yarimar Carrasquillo, Ph.D.
  Hector Sandoval, Ph.D.
  Javier Sanchez, Ph.D.
  Leah Elizondo, Ph.D.
  Yanira Gonzalez Ph.D.
  Anjelica Gonzalez, Ph.D.
  Joel Otero, Ph.D.
  Juan Crespo-Barreto, Ph.D.
  Chisaroka Echendu, Ph.D.
  Victor Venegas, Ph.D.
  Tiffany Sills, Ph.D.
  Rocio Benabentos
  Christian Iidefonso
  Kimberly Weiderhold
  Leroy Hubert
  Cynthia Davies-Venn
  Eric Hyun, Ph.D.
  Kristine Bucacas
  Monica Garcia
  Erika Perez
  Christina Canell
  Jonathan Respress
  Hugo Villanueva
  Angela Carter
  Michelle Seymour
  Bonnie Youmans

- MARC Predoctoral NRSA Fellowships
  Victor Acevedo, Ph.D.
  Wanda Vila-Carriles, Ph.D.

- Department of Defense Predoctoral Fellowships
  Ashley Morrison, Ph.D.
  Chris Lopez, Ph.D.
  Ti Nguyen, Ph.D.
  David Barron, Ph.D.
  Elizabeth Villegas
  Julie Carstens

- SACNAS Poster Awards
  Carlos Cantu, III, Ph.D.
  (Best Clinical Poster)
  Wanda Vila-Carriles, Ph.D.
  (Endocrine Society Award)

- American Society for Bone and Mineral Research Young Investigator’s Award
  Donald Glass II, M.D., Ph.D.

* International student
AWARDS TO BCM PH.D. AND M.D./Ph.D. STUDENTS CONTINUED

- Award of Excellence Fed Clinical Immunology Society
  Anjelica Gonzalez, Ph.D.
- ASPET Doris Schockley Best Abstract Award
  AJ Hinton
- Endocrine Society Presidential Poster Finalist
  Mario Oyola
- Endocrine Society Minority Mentoring Poster Award
  Mario Oyola
- FOCIS Trainee Satellite Symp Research Award
  Tiara Byrd
- WAESCO 3rd Place Research Award
  Mario Oyola
- Society of Toxicology 1st Place Poster
  Christian Marin Mueller
- Cambridge Health Inst. Cancer Models Symp 1st Place Research
  Julie Carstens
- FASEB Poster Award Vision Research
  Ivette Sandoval
- Weintraub Award Outstanding US Ph.D.Students
  Fernando Camargo, Ph.D. *
- ASCB 3rd Place Poster
  Rasheida Hatcher
- Gordon Conference
  Joseph Valdez (Best PhD Student Research)
- FEBS Course: International ABC Proteins Young Investigator Award
  Wanda Vila- Carriiles, Ph.D.
- 11th International Congress of Human Genetics
  Gabriel-Bien-Willner, M.D., Ph.D. (Best Poster Presentation)
- International Tulerimia Conference
  Tiffany Williams (Best Poster)
- FEBS Special Meeting of ABC Proteins (Austria)
  David Ortiz (Poster Finalist)
- EAPSFI Fellowship (Singapore)
  Monica Galaz Montoya
- Nominated to attend Nobel Prize Lectures
  Rossitza Irobalieva,
  Carlos Perez Torres
- Congress on Human Genetics Poster Finalist
  Jocelyn Galloway
- Intn Wks Neuuroendocrinology Bronze Medal Poster Award
  Mario Oyola
- EMBO Intern Poster Award
  Ashley Ramirez Herrick
- Selected to Attend Nobel Prize Lecturers Meeting in Germany
  Rocio Benabentos
- NIH Supplements to Mentors' Grants
  Keisha Batts
  Torey Batts
  Leroy Hubert
  Chi Mba
  Michael Lopez
  Daniel Wansley
  Ingrid Hanson
  Cynthia Davies-Venn
  Maria Terron
  Diane Scaduto
  Miguel Medina
  Jonathan Respess
  AJ Hinton
  James Campbell
- Leadership /Medical Awards
  - Houston Outreach Medicine Education & Social Services Clinic Award for Outstanding Leadership Potential
    Eric Hyun
  - M.D./Ph.D. Program Service Award
    David Barron
  - M.D./Ph.D. Highest Honors
    Eric Hyun
  - Outstanding Urology Student
    Wilmer Roberts, M.D., Ph.D.
  - Richard Dickason Award for Outstanding M.D./Ph.D. Student
    Richard King, M.D., Ph.D. (1st awardee)
  - Woman of Wonder-Quaker Oats Award
    JoyAnn Phillips Rohan, Ph.D.
- Commencement Speakers/BCM Alumni Awards
  - Chris Bland
  - Alejandro Contreras, M.D., Ph.D.
  - Donald Glass, II, Ph.D.
  - Ashley Ramirez Herrick
  - Maria Fadri, Ph.D., Ph.D. (alternate)
  - Carlos Perez Torres (alternate)
- Mentoring/Professional Development Programs
  - AARC Scholar-in-Training
    Gladys Morrison
- Endocrine Society FLARE Award
  Christina Camell
  Mario Oyola
- FASEB Teaching/Mentoring Award
  AJ Hinton
  Monica Montoya
- GlasscoSmith Kline Summer Internship
  Torey Batts
- Interdisciplinary Res Train Inst Human Drug Abuse
  Ericka Perez
- Jackson Lab Mol Genetics Course
  AJ Hinton
- Neuroscience Society Scholar
  Meagan Pitcher
- Scientist Mentoring & Diversity Program
  Alex Brewer
  AJ Hinton
  Laramie Lemon
- UCSB Summer Inst. Cognitive Neuroscience
  Edwin Alexander
- National Minority Research Forum
  Anjelica Gonzales, Ph.D.
  Kelvin Moses, Ph.D.
  Glendie Marcellin, Ph.D.
  Lori Banks
  Christina Camell
  JoyAnn Phillips Rohan, Ph.D.
  Michele Washington, Ph.D.
  Lakeisha Batts, Ph.D.
- Biotechnology Institute Minority and Indigenous Fellows Program
  Torey Batts
  Jocelyn Galloway
  Rashieda Hatcher
  Leroy Hubert, Ivette Sandoval
  Jonathan Respess
  Daniel Wansley
  Michele Washington, Ph.D.
- Travel Awards
  - AARC Travel Award
    Elizabeth Villegas
  - ABC Protein International Conf
    David Ortiz
  - American Society Cell & Gene Therapy
    Claudia Arambala Geldres
  - ARVO Conference
    Ivette Sandoval
  - ASCB Conference
    Rashieda Hatcher
    Kimberley Weiderhold

continued > > >
PREP POST-BAC ADVANCEMENT

- PhD Programs
  Arizona State University, Baylor College of Medicine (25 post-bacs), Emory University, New York University, Northwestern University, Universities of Alabama, New Mexico, North Carolina, Texas Health Science Center at Houston, Texas Health Science Center at San Antonio, Texas Southwestern, Washington University

- Medical School Programs
  Ohio University College of Osteopathic Medicine, University Arizona Medical School, University of Puerto Rico Medical School, University Texas Health Science Center at Houston, University Texas Medical Branch Galveston

- Other Advanced Education
  MPH Alabama and University North Texas, MS Johns Hopkins, University San Francisco and University Texas Health Science Center at Houston, PA Georgia and South Texas Law School

- 9 completed PhDs by 2013
  7 advanced to post-docs; 2 employed in biotech

POST-DOC ADVANCEMENT

- IRACDA REACH-Up Post-docs received PhDs from:
  Baylor College of Medicine, Boston College, Harvard, Jackson State University, Meharry University, Rice, Tulane, Tufts, Universities of California Riverside, Chicago, Houston, Massachusetts, Memphis and New Mexico, UTHSC at Houston and at San Antonio, Vanderbilt University, Washington State University, Washington University

- IRACDA REACH-UP Courses Developed/Updated:
  Biochemistry, Bioinformatics, Biophysics, Cancer, Developmental Biology, Evolution and Population Biology, Genetics, Immunology, Introductory Biology, Microbiology, Molecular Biology, Molecular Techniques, Organic Chemistry, Neuroscience

- Innovative/interactive Teaching Strategies:
  Class discussions, clickers, electronic/social media, “gallery walk” illustrations, quiz show games, journal clubs, literature reviews, PyMol molecule movies, videos and animation tools

- IRACDA REACH-UP Post-doc Advancement to Teaching/research Positions:
  Baylor College of Medicine, Haverford College, Rice, Rutgers, Universities of Houston Downtown, New Hampshire, St. Thomas, Texas Children’s Hospital, Washington State University

AWARDS TO BCM PH.D. AND M.D./Ph.D. STUDENTS CONTINUED

- ARVO Conference
  Ivette Sandoval

- American Society for Cell & Gene Therapy
  Ivette Sandoval

- American Society Human Genetics
  Jocelyn Galloway Martin

- American Society for Microbiology
  Bonnie Youmans

- Cold Spring Harbor Asia
  Danielle Martinez

- Developmental Biology Conference
  Monica Garcia

- EMBO Intern Conference
  Ashley Ramirez Herrick

- FASEB Conference ASPET
  AJ Hinton

- Gordon Conference
  Jonathan Respress

- International Congress on Human Genetics
  Jocelyn Galloway Martin

- International Gordon Conference
  Indhira de la Rosa

- International Neuroendocrinology Workshop
  Mario Oyola

- Johnson & Johnson Travel Award
  Alex Brewer

- Keystone Conference
  Julie Carstens

- NIAAA to NHSN International Scientific Conference
  Erika Perez

- SACNAS Conference
  Joseph Valdez

- Society for Study of Reproduction
  Michael Fountain

- Tenneco Fellow. NeuroStereology Workshop
  Mario Oyola

- Woods Hole Marine Biological Lab
  Mario Oyola

- Society for Study of Reproduction Meeting
  Michael Fountain

- US-South America Neuroscience Workshop
  Mario Oyola

Equal Opportunity Statement

Houston is home to one of the most heterogeneous populations nationally, if not worldwide, and BCM seeks to reflect our community with regard to gender, culture and life experiences, age, disability, race, ethnicity, geography, religion, sexual orientation and socioeconomic status. Diversity strengthens our institution by increasing talent and ensuring a fuller perspective. It helps BCM to reduce disparities in health and healthcare access, to address the needs of the community we serve, and to achieve our organizational goals.

Thus, BCM is committed to the recruitment and retention of excellent students, trainees, faculty and staff who represent the full diversity of Houston and our nation, and to the provision of a welcoming, supportive environment for all members of the BCM community.