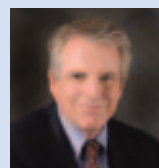


M. D. ANDERSON MANAGEMENT COMMITTEE

*John Mendelsohn, M.D. <i>President</i>	R. Dan Fontaine, J.D. <i>Senior vice president for business affairs</i>	Ernest T. Hawk, M.D. <i>Vice president and head, Division of Cancer Prevention and Population Sciences</i>	Robert F. Gagel, M.D. <i>Professor and head, Division of Internal Medicine</i>
*Thomas W. Burke, M.D. <i>Executive vice president and physician-in-chief</i>	Gerard J. Colman <i>Senior vice president and chief of clinical operations</i>	Adrienne C. Lang <i>Vice president for center programs</i>	Thomas A. Buchholz, M.D. <i>Professor and chair, Department of Radiation Oncology</i>
*Raymond N. DuBois, M.D., Ph.D. <i>Provost and executive vice president</i>	Stephen P. Tomasovic, Ph.D. <i>Senior vice president for academic affairs</i>	Dwain Morris <i>Vice president and chief financial officer</i>	Guillermina Lozano, Ph.D. <i>Professor and chair, Department of Genetics</i>
*Leon J. Leach <i>Executive vice president and chief business officer</i>	Harry R. Gibbs, M.D. <i>Chief diversity officer</i>	Shibu Varghese <i>Vice president for human resources</i>	

**Executive Committee*

M. D. ANDERSON FACULTY



DIVISION OF ANESTHESIOLOGY AND CRITICAL CARE

DIVISION HEAD
Thomas W. Feeley, M.D.

DEPARTMENT OF ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

ASSOCIATE PROFESSOR AND CHAIR AD INTERIM
Vijaya Gottumukkala, M.D.

PROFESSORS
Mohamed Naguib Attala, M.D.
Joseph S. Chiang, M.D.
David Ferson, M.D.
Howard B. Gutstein, M.D.
Debra L. Kennamer, M.D.
Peter H. Norman, M.D.
Hui-Lin Pan, M.D., Ph.D.
Vivian H. Porche, M.D.
Tom F. Rahlfs, M.D.
Marc A. Rozner, M.D., Ph.D.
Kenneth J. Sapire, M.D.
Dilip R. Thakar, M.D.
Dam-Thuy Truong, M.D.
Olivier C. Wenker, M.D.

ASSOCIATE PROFESSORS
Tayab Andrabi, M.D.
Radha Arunkumar, M.D.
Thao P. Bui, M.D.
John C. Frenzel, M.D.
Farzin Goravanchi, D.O.
Curtis E. Hightower, D.V.M., M.D.
Peter W. Hsu, M.D.
Spencer Stephen Kee, M.D.

Alicia M. Kowalski, M.D.
David C. Mackey, M.D.
Keyuri U. Papat, M.D.
Elena Potylchansky, M.D.
Ronaldo V. Purugganan, M.D.
Joseph R. Ruiz, M.D.
Mona G. Sarkiss, M.D., Ph.D.
Angela Truong, M.D.

ASSISTANT PROFESSORS
Jeffrey Cerny, M.D.
Shao-Rui Chen, M.D.
Lori Dangler, M.D.
Katy Elizabeth French, M.D.
Shannon Michelle Gossett, M.D.
Roxana Grasu, M.D.
Timothy Albert Jackson, M.D., Ph.D.
Maggie Jeffries, M.D.
Piotr A. Kwater, M.D.
Jeffrey Lim, M.D.
Gabriel Eduardo Mena, M.D.
Linh T. Nguyen, M.D.
Pascal Owusu-Agyemang, M.D.
Ronald N. Parris, M.D.
Yury Potylchansky, M.D.
Elizabeth Rebello, M.D.
Jagtar Singh Heir, D.O.
Jose Soliz, M.D.
Jackson Su, M.D.
Steve Wang, M.D.

DEPARTMENT OF CRITICAL CARE

PROFESSOR AND CHAIR
Kristen J. Price, M.D.

PROFESSORS
Gregory H. Botz, M.D.
Joseph L. Nates, M.D.

ASSOCIATE PROFESSOR
Karen Chen, M.D.

ASSISTANT PROFESSORS
Donna M. Calabrese, M.D.
John Wilson Crommett, M.D.
Susan Gaeta, M.D.
Diego Hernan de Villalobos, M.D.
Sajid Haque, M.D.
De Pei Li, M.D.
Imrana Malik, M.D.
Francois Pouliot, M.D., Ph.D.
Selvaraj Egbert Pravinkumar, M.D.
Nisha Rathi, M.D.

INSTRUCTOR
Jessica Anne Moore, D.H.C.E.

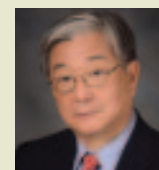
DEPARTMENT OF PAIN MEDICINE

PROFESSOR AND CHAIR
Allen Wade Burton, M.D.

PROFESSORS
Patrick M. Dougherty, Ph.D.
Larry C. Driver, M.D.
Diane M. Novy, Ph.D.

ASSOCIATE PROFESSORS
Dhanalakshmi Koyyalagunta, M.D.
Zhizhong Z. Pan, Ph.D.

ASSISTANT PROFESSORS
Rodolfo Gebhardt, M.D.
Marco R. Perez Toro, M.D.
Joseph Chao Ting, D.O.
Han-Rong Weng, M.D., Ph.D.



DIVISION OF CANCER MEDICINE

DIVISION HEAD
Waun Ki Hong, M.D.

DEPARTMENT OF BREAST MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
Gabriel N. Hortobagyi, M.D.

PROFESSORS
Daniel J. Booser, M.D.
Aman U. Buzdar, M.D.
Francisco J. Esteva, M.D., Ph.D.
Nuhad K. Ibrahim, M.D.
James L. Murray III, M.D.
Lajos Pusztai, M.D., D.Phil.
Richard L. Theriault, D.O.
Naoto T. Ueno, M.D., Ph.D.
Vicente Valero, M.D.
Ronald S. Walters, M.D.

ASSOCIATE PROFESSORS
Banu K. Arun, M.D.
Sharon Hermes Giordano, M.D.
Ana Maria Gonzalez-Angulo, M.D.
Marjorie C. Green, M.D.

ASSISTANT PROFESSORS
Ricardo Hugo Alvarez, M.D.
Eleni Andreopoulou, M.D.
Kimberly Brooke Koenig, M.D.
Jennifer Litton, M.D.
Amal Ibrahim Melhem-Bertrandt, M.D.
Phuong Khanh Morrow, M.D.
Stacy Moulder, M.D.

INSTRUCTOR
Chandra Bartholomeusz, Ph.D., M.B.B.S.

DEPARTMENT OF EXPERIMENTAL THERAPEUTICS

PROFESSOR AND CHAIR
Garth Powis, D.Phil.

PROFESSORS
Bharat B. Aggarwal, Ph.D.
Robert C. Bast Jr., M.D.
William G. Bornmann, Ph.D.
Mauro Ferrari, Ph.D.
Varsha V. Gandhi, Ph.D.
Elizabeth A. Grimm, Ph.D.
Walter N. Hittelman, Ph.D.
Constantin Ioannides, Ph.D.
Abdul R. Khokhar, Ph.D.
Chang-Gong Liu, Ph.D.
Gabriel Lopez-Berestein, M.D.
Kapil Mehta, Ph.D.
John Mendelsohn, M.D.
William K. Plunkett Jr., Ph.D.
Waldemar Priebe, Ph.D.
Fredrika Robertson, Ph.D.
Michael G. Rosenblum, Ph.D.
Zahid H. Siddik, Ph.D.
Leonard A. Zwelling, M.D.

ASSOCIATE PROFESSORS
George A. Calin, M.D., Ph.D.
Suhendan Ekmekcioglu, Ph.D.
Zhen Fan, M.D.
Giuliana J. Izzo, M.D.
Mary Jane Johansen, Pharm.D.
Jian Kuang, Ph.D.
Xiaofeng Le, M.D., Ph.D.
Warren Liao, Ph.D.
Xiuping Liu, M.D.
Timothy L. Madden, Pharm.D.
John S. McMurray, Ph.D.
Nancy J. Poindexter, Ph.D.

ASSISTANT PROFESSORS
Geoffrey Bartholomeusz, Ph.D.
Bryant G. Darnay, Ph.D.
Wuguo Deng, Ph.D.
Yon Hui Kim, Ph.D.
Mei Yee Koh, Ph.D.
Yong Liao, M.D., Ph.D.
Bulent Ozpolat, M.D., Ph.D.
Deepa Sampath, Ph.D.
Taly Spivak-Kroizman, Ph.D.
Christine Stellrecht, Ph.D.
Shuxing Zhang, Ph.D.

INSTRUCTORS
Kumudha Balakrishnan, Ph.D.
Lisa S. Chen, Ph.D.
Rong Chen, Ph.D.
Izabela Fokt, Ph.D.
Betty Lamothe, Ph.D.
Xinqun Li, M.D., Ph.D.
Xiaojun Liu, Ph.D.
Khalid Amanali Mohamedali, Ph.D.
Ryan Watkins, Ph.D.
Chuan-Fen Wu, Ph.D.

DEPARTMENT OF GASTROINTESTINAL MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
James L. Abbruzzese, M.D.

PROFESSORS
Jaffer A. Ajani, M.D.
Raymond N. DuBois, M.D., Ph.D.
Donghui Li, Ph.D.
Robert A. Wolff, M.D.

ASSOCIATE PROFESSORS
Cathy Eng, M.D.
Christopher Garrett, M.D.
Linus Ho, M.D., Ph.D.
Milind Javle, M.D.
Alexandria Phan, M.D.
Gauri R. Varadhachary, M.D., M.B.B.S.
Keping Xie, M.D., Ph.D.
James C. Yao, M.D.

ASSISTANT PROFESSORS
David Fogelman, M.D.
Katrina Glover, M.D.
Manal M. Hassan, M.D., Ph.D.
Ahmed Kaseb, M.B.B.S.
Bryan K. Kee, M.D.
Edmund Scott Kopetz, M.D., Ph.D.
Michael James Overman, M.D.
Shrikanth A. Reddy, Ph.D.

INSTRUCTORS
Daoyan Wei, Ph.D.
Yixin Yao, Ph.D.

DEPARTMENT OF GENERAL ONCOLOGY

ASSOCIATE PROFESSOR AND CHAIR
Michael J. Fisch, M.D.

ASSISTANT PROFESSORS
Amy Hassan, M.D.*
Nikesh Jasani, M.D.*
Craig Adam Kovitz, M.D.*
Richard T. Lee, M.D.*
Douglas Alan Nelson, M.D.*
Sunil M. Patel, M.D.*
Amitabha Sarma, M.D.*
Janet Tu, M.D.*
Peiying Yang, Ph.D.

**Member of M. D. Anderson Physicians Network*

DEPARTMENT OF GENITOURINARY MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
Christopher J. Logothetis, M.D.

PROFESSORS
Wadih Arap, M.D., Ph.D.
William F. Benedict, M.D.
Gary E. Gallick, Ph.D.
Renata Pasqualini, Ph.D.
Timothy Thompson, Ph.D.

ASSOCIATE PROFESSORS
Richard E. Giles, Ph.D.
Eric Jonasch, M.D.
Jeri Kim, M.D.
Sankar N. Maity, Ph.D.
Randall E. Millikan, M.D., Ph.D.
Nora M. Navone, M.D., Ph.D.
Lance C. Pagliaro, M.D.
Nizar M. Tannir, M.D.
Shi-Ming Tu, M.D.

ASSISTANT PROFESSORS
Ana Aparicio, M.D.
John Charles Araujo, M.D.
Paul Corn, M.D., Ph.D.
Daniel Floryk, Ph.D.

Alexei Goltsov, Ph.D.
Ivan P. Gorlov, Ph.D.
Likun Li, Ph.D.
Padmanee Sharma, M.D., Ph.D.
Arlene Odelia Siefker-Radtke, M.D.
Salahaldin Tahir, Ph.D.
Guang Yang, Ph.D.
Xin-Qiao Zhang, M.D., Ph.D.
Jain Zhou, M.D., Ph.D.
Amado Zurita-Saavedra, M.D.

INSTRUCTORS
Tihui Fu, Ph.D.
Zhibo Yang, Ph.D.

DEPARTMENT OF GYNECOLOGIC MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
Maurie Markman, M.D.

DEPARTMENT OF INVESTIGATIONAL CANCER THERAPEUTICS

PROFESSOR AND CHAIR
Razelle Kurzrock, M.D.

ASSISTANT PROFESSORS
Gerald S. Falchook, M.D.
Siqing Fu, M.D., Ph.D.
David Sanghyun Hong, M.D.
Aung Naing, M.D.
Sarina Anne Pihl-Paul, M.D.
Apostolia Maria Tsimberidou, M.D., Ph.D.
Jennifer Jane Wheler, M.D.

INSTRUCTOR
Ji Yuan Wu, M.D.

DEPARTMENT OF LEUKEMIA

PROFESSOR AND CHAIR
Hagop M. Kantarjian, M.D.

PROFESSORS
Jorge E. Cortes, M.D.
Zeev Estrov, M.D.
Emil J Freireich, M.D.
Jean-Pierre Issa, M.D.
Michael J. Keating, M.D.
Charles A. Koller, M.D.
Susan O'Brien, M.D.

ASSOCIATE PROFESSORS
Stefan H. Faderl, M.D.
Alessandra Ferrajoli, M.D.
Guillermo Garcia-Manero, M.D.
Marina Konopleva, M.D., Ph.D.
Farhad Ravandi-Kashani, M.D.
Deborah A. Thomas, M.D.
Srdan Verstovsek, M.D.
William G. Wierda, M.D., Ph.D.

Continued ...

DIVISION OF CANCER MEDICINE (CONTINUED)

ASSISTANT PROFESSORS

Gautam Borthakur, M.B.B.S.
Jan Andreas Burger, M.D.
Alfonso Quintas Cardama, M.D.
Elias Joseph Jabbar, M.D.
Jaroslav Jelinek, M.D., Ph.D.
Tapan Mahendra Kadia, M.D.
Gloria N. Mattiuzzi, M.D.

INSTRUCTORS

Marcos Roberto Estecio, Ph.D.
Yue Wei, Ph.D.

DEPARTMENT OF
LYMPHOMA/MYELOMA

PROFESSOR AND CHAIR
Larry W. Kwak, M.D., Ph.D.

PROFESSORS

Fredrick B. Hagemeister, M.D.
Alma Rodriguez, M.D.
Jorge E. Romaguera, M.D.
Qing Yi, M.D., Ph.D.
Anas Younes, M.D.

ASSOCIATE PROFESSORS

Richard Eric Davis, M.D.
Luis E. Fayad, M.D.
Robert Orlowski, M.D., Ph.D.
Barbara Pro, M.D.
Felipe Samaniego, M.D.
Luhua Wang, M.D.
Donna M. Weber, M.D.

ASSISTANT PROFESSORS

Soung-Chul Cha, Ph.D.
Michelle A. Fanale, M.D.
Nathan Fowler, M.D.
Sattva S. Neelapu, M.D.
Jatin Shah, M.D.
Sheeba Koshy Thomas, M.D.

INSTRUCTORS

Zuzana Berkova, Ph.D.
Jianfei Qian, Ph.D.
Hong Qin, Ph.D.
Jing Yang, Ph.D.
Lin Yang, Ph.D.

DEPARTMENT OF MELANOMA
MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
Patrick Hwu, M.D.

PROFESSORS

Agop Y. Bedikian, M.D.
Wen-Jen Hwu, M.D., Ph.D.
Nicholas E. Papadopoulos, M.D.

ASSOCIATE PROFESSORS

Kevin Bum Soo Kim, M.D.
Laszlo Radvanyi, Ph.D.

ASSISTANT PROFESSORS

Michael Davies, M.D., Ph.D.
Jade Homsy, M.D.
Gregory A. Lizee, Ph.D.
Willem Overwijk, Ph.D.
Dapeng Zhou, M.D., Ph.D.

INSTRUCTOR

Vashisht Gopal Yennu Nanda, Ph.D.

DEPARTMENT OF
NEURO-ONCOLOGY

PROFESSOR AND CHAIR
W.K. Alfred Yung, M.D.

PROFESSORS

Charles A. Conrad, M.D.
Mark R. Gilbert, M.D.
Christina A. Meyers, Ph.D.

ASSOCIATE PROFESSORS

Arthur D. Forman, M.D.
Juan Fueyo-Margareto, M.D.
Maria-Magdalena Georgescu, M.D.,
Ph.D.
Morris D. Groves, J.D., M.D.
Zhimin Lu, M.D., Ph.D.
Vinaykumar K. Pudukall, M.D.
John M. Slopis, M.D.
Sudhakar Tummala, M.D.

ASSISTANT PROFESSORS

Howard Colman, M.D., Ph.D.
John Frederick de Groot, M.D.
Candelaria Gomez-Manzano, M.D.
Hong Jiang, Ph.D.
Dimple Koul, Ph.D.
Monica Elena Loghin, M.D.
Jennie L. Rexer, Ph.D.
Ivo Tremont, M.D.
Jeffrey Scott Wefel, Ph.D.
Karin Woodman, M.D.
Jun Yao, Ph.D.

INSTRUCTORS

Marta M. Alonso, Ph.D.
Juinn-Lin Liu, Ph.D.
Mariana Erika Wittgert, Ph.D.
Yan Xia, Ph.D.

DEPARTMENT OF PALLIATIVE
CARE AND REHABILITATION
MEDICINE

PROFESSOR AND CHAIR
Eduardo Bruera, M.D.

PROFESSOR

Donna S. Zhukovsky, M.D.

ASSOCIATE PROFESSORS

Ahmed Elsayem, M.D.
Ying Guo, M.D.
Suresh K. Reddy, M.D.
Ki Y. Shin, M.D.
Paul W. Walker, M.D.
Rajesh R. Yadav, M.D.

ASSISTANT PROFESSORS

Shalini Dalal, M.D.
Egidio Del Fabbro, M.D.
Rony Dev, D.O.
Nada Abdellatif Fadul, M.D.
Jack Fu, M.D.
Benedict Konzen, M.D.
Sriram Yennu, M.D.

DEPARTMENT OF SARCOMA
MEDICAL ONCOLOGY

PROFESSOR AND CHAIR
Robert S. Benjamin, M.D.

PROFESSORS

Shreyaskumar Patel, M.D.
Saroj Vadhan, M.D.

ASSOCIATE PROFESSOR

Jonathan C. Trent II, M.D., Ph.D.

ASSISTANT PROFESSORS

Dejka Marida Araujo, M.D.
Joseph A. Ludwig, M.D.
Vinod Ravi, M.B.B.S.

DEPARTMENT OF STEM CELL
TRANSPLANTATION AND
CELLULAR THERAPY

PROFESSOR AND CHAIR
Richard E. Champlin, M.D.

PROFESSORS

Paolo Anderlini, M.D.
Borje S. Andersson, M.D., Ph.D.
Michael Andreeff, M.D., Ph.D.
Sergio A. Giral, M.D.
Roy Jones, M.D., Ph.D.
Issa F. Khouri, M.D.
Martin Korblyng, M.D.
Steven M. Kornblau, M.D.
John D. Mannis, Ph.D.
Jeffrey J. Mouldrem, M.D.
Elizabeth Shpall, M.D.

ASSOCIATE PROFESSORS

Bing Z. Carter, Ph.D.
Marcos Jose Garcia de Lima, M.D.
Chitra Hosang, M.D.
Partow Kebriaei, M.D.
Frank C. Marini III, Ph.D.
Yago Nieto, M.D., Ph.D.
Uday R. Papat, M.D.
Muzaffar H. Qazilbash, M.D.

ASSISTANT PROFESSORS

Gheath Al-Atrash, D.O.
Amin Majid Alousi, M.D.
Stefan Octavian Ciurea, M.D.
Karen C. Dwyer, Ph.D.
Sijie Lu, Ph.D.
Qing Ma, Ph.D.
Simrit Parmar, M.D.
Gabriela Rondon, M.D.
Rima M. Saliba, Ph.D.
Benigno Valdez, Ph.D.
Rui-Yu Wang, M.D., Ph.D.

INSTRUCTORS

Xiaoyang Ling, Ph.D.
Weiguo Zhang, M.D., Ph.D.

DEPARTMENT OF
SYSTEMS BIOLOGY

PROFESSOR AND CHAIR
Gordon B. Mills, M.D., Ph.D.

ASSOCIATE PROFESSORS

Francois-Xavier Claret, Ph.D.
Shiaw-Yih Lin, Ph.D.
Yiling Lu, M.D.
Honami Naora, Ph.D.
Prahla Ram, Ph.D.

ASSISTANT PROFESSORS

Gabor Balazsi, Ph.D.
Valsala Haridas, Ph.D.
Ju-Seog Lee, Ph.D.
Jiyong Liang, Ph.D.
Zhi-Xiang Xu, M.D., Ph.D.

INSTRUCTORS

Zhiyong Ding, Ph.D.
Kathleen M. Gajewski, Ph.D.
Katherine Stemke Hale, Ph.D.
Fabiana C. Morales, Ph.D.

DEPARTMENT OF THORACIC/
HEAD AND NECK MEDICAL
ONCOLOGY

PROFESSOR AND CHAIR
Scott M. Lippman, M.D.

PROFESSORS

Frank V. Fossella, M.D.
Bonnie S. Glisson, M.D.
Roy S. Herbst, M.D., Ph.D.
Waun Ki Hong, M.D.
Daniel D. Karp, M.D.
Merrill S. Kies, M.D.
Jonathan M. Kurie, M.D.
Ho-Young Lee, Ph.D.
Reuben Lotan, Ph.D.
Vassiliki A. Papadimitrakopoulou,
M.D.
Katherine M. Pisters, M.D.
David J. Stewart, M.D.

ASSOCIATE PROFESSORS

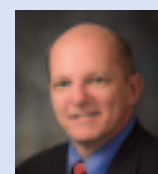
George R. Blumenschein Jr., M.D.
John Victor Heymach, M.D., Ph.D.
Edward S. Kim, M.D.
Charles Lu, M.D.
Anita Lyn Sabichi, M.D.
Ralph G. Zinner, M.D.

ASSISTANT PROFESSORS

Heidi S. Erickson, Ph.D.
Emer Hanrahan, M.D.
Faye M. Johnson, M.D., Ph.D.
Ja Seok Koo, Ph.D.
Hai T. Tran, Pharm.D.
Anne Tsao, M.D.
William Nassib William Jr., M.D.

INSTRUCTORS

Maria del Carmen Behrens, M.D.
Lauren Averett Byers, M.D.
Nitin Chakravarti, Ph.D.
Junya Fujimoto, Ph.D.
Don Lynn Gibbons, M.D., Ph.D.
Matthew H. Herynk, Ph.D.
Joerg J. Jacoby, Ph.D.
Woo-Young Kim, Ph.D.
Wei Lin, M.D.
Milind B. Suraokar, Ph.D.

DIVISION OF CANCER PREVENTION
AND POPULATION SCIENCES

VICE PRESIDENT AND DIVISION HEAD
Ernest T. Hawk, M.D.

DEPARTMENT OF
BEHAVIORAL SCIENCE

PROFESSOR AND CHAIR
Ellen R. Gritz, Ph.D.

PROFESSORS

Walter F. Baile, M.D.
Karen M. Basen-Engquist, Ph.D.
Paul M. Cinciripini, Ph.D.
Lorenzo Cohen, Ph.D.
Wendy Demark-Wahnefried, Ph.D.
Alexander V. Prokhorov, M.D., Ph.D.
Leslie R. Schover, Ph.D.

ASSOCIATE PROFESSORS

Janice Blalock, Ph.D.
Cindy Lynn Carmack Taylor, Ph.D.
Maher Karam-Hage, M.D.
Susan K. Peterson, Ph.D.

ASSISTANT PROFESSORS

Brian L. Carter, Ph.D.
Ludmila M. Cofta-Woerpel, Ph.D.
Michelle Cororve Fingeret, Ph.D.
Cho Yan Lam, Ph.D.
Patricia Ann Parker, Ph.D.
Jason D. Robinson, Ph.D.
Damon J. Vidrine, Dr.P.H.

INSTRUCTORS

Jennifer Anne Minnix, Ph.D.
Eileen Huh Shinn, Ph.D.
Mary K. Tripp, Ph.D.
Francesco Versace, Ph.D.

DEPARTMENT OF
CLINICAL CANCER PREVENTION

PROFESSOR AND CHAIR
Powel H. Brown, M.D., Ph.D.

PROFESSORS

Therese Bartholomew Bevers, M.D.
Ernest T. Hawk, M.D.

ASSOCIATE PROFESSORS

Abenaa Brewster, M.D.
Elise D. Cook, M.D.
Lewis E. Foxhall, M.D.
Ashraf M. Hoque, M.D., Ph.D.
Imad Shureiqi, M.D.
Xiaochun Xu, M.D., Ph.D.

ASSISTANT PROFESSOR

Abhijit Mazumdar, Ph.D.
Lonzetta L. Newman, M.D.
Qiang Shen, M.D., Ph.D.

INSTRUCTOR

Xiangsheng Zuo, M.D., Ph.D.

DEPARTMENT OF EPIDEMIOLOGY

PROFESSOR AND CHAIR AD *INTERIM*
Ernest T. Hawk, M.D.

PROFESSORS

Christopher I. Amos, Ph.D.
Melissa L. Bondy, Ph.D.

Shine Chang, Ph.D.

Michele Forman, Ph.D.
Marsha L. Frazier, Ph.D.
Sanjay Shete, Ph.D.
Qingyi Wei, M.D., Ph.D.
Xifeng Wu, M.D., Ph.D.

ASSOCIATE PROFESSORS

Randa El-Zein, M.D., Ph.D.
Olga Y. Gorlova, Ph.D.
Cielito C. Reyes-Gibby, Dr.P.H.
Sara S. Strom, Ph.D.

ASSISTANT PROFESSORS

Carol J. Etzel, Ph.D.
Jian Gu, Ph.D.
Jie Lin, Ph.D.
Paul A. Scheet, Ph.D.
Michael D. Swartz, Ph.D.
Li-E Wang, M.D.
Chongjuan Wei, Ph.D.
Anna Victoria Wilkinson, Ph.D.
Chih-Chieh Wu, Ph.D.

INSTRUCTORS

Carrie Cameron, Ph.D.
Jinyun Chen, M.D., Pharm.D.
Zhensheng Liu, Ph.D.
Jianzhong Ma, Ph.D.
Bo Peng, Ph.D.
Yuanqing Ye, Ph.D.

DEPARTMENT OF
HEALTH DISPARITIES RESEARCH

PROFESSOR AND CHAIR
David W. Wetter, Ph.D.

PROFESSOR

Lovell A. Jones, Ph.D.

ASSOCIATE PROFESSOR

Harry R. Gibbs, M.D.

ASSISTANT PROFESSORS

Jennifer Irvin Vidrine, Ph.D.
Lorna Houghton McNeill, Ph.D.
Lorraine R. Reitzel, Ph.D.

INSTRUCTORS

Janice A. Chilton, Dr.P.H.
Carlos A. Mazas, Ph.D.
Isabel Torres, Dr.P.H.

DIVISION OF DIAGNOSTIC
IMAGING

DIVISION HEAD
Donald A. Podoloff, M.D.

DEPARTMENT OF
DIAGNOSTIC RADIOLOGY

PROFESSOR AND CHAIR *AD INTERIM*
Marshall E. Hicks, M.D.

PROFESSORS

Deepak G. Bedi, M.D.
Chusilp Charnsangavej, M.D.
Marvin H. Chasen, M.D.
Haesun Choi, M.D.
Joel S. Dunnington, M.D.
Beth S. Edeiken-Monroe, M.D.
Farzin Eftekhari, M.D.
Jeremy Erasmus Jr., M.D.
Bruno D. Fornage, M.D.
Lawrence E. Ginsberg, M.D.
Revathy B. Iyer, M.D.
Leena Ketonen, M.D., Ph.D.
Ashok J. Kumar, M.D.
Rajendra Kumar, M.D.
Evelyn M. Loyer, M.D.
John E. Madewell, M.D.
Edith M. Marom, M.D.
Aurelio Matamoros Jr., M.D.
Kevin W. McEnery, M.D.
William A. Murphy Jr., M.D.
Suhas Parulekar, M.D.
Bharat Raval, M.D.
Barry I. Samuels, M.D.
Carl Sandler, M.D.
Paul M. Silverman, M.D.
Datla G. Varma, M.D.
David Vining, M.D.
Michael J. Wallace, M.D.
Gary J. Whitman, M.D.
Kenneth C. Wright, Ph.D.

ASSOCIATE PROFESSORS

Kamran Ahrar, M.D.
Tzeping Linda Chi, M.D.
Paul L. Davis, M.D.
Mark J. Dryden, M.D.
Randy D. Ernst, M.D.
Gregory Gladish, M.D.
Sanjay Gupta, M.D.
Harmeet Kaur, M.D.
Andras Konya, Ph.D.
Vikas Kundra, M.D., Ph.D.
Elizabeth A. Lano, M.D.
Huong Le-Petross, M.D.
David Madoff, M.D.
Ravi Murthy, M.D.
Chaun Soong Ng, M.D.
Bradley Sabloff, M.D.
Joseph Steele, M.D.
Tanya Stephens, M.D.
Janio Szklaruk, M.D., Ph.D.
Eric P. Tamm, M.D.
Mylene Truong, M.D.
Wei Tse Yang, M.D.

ASSOCIATE PROFESSORS

Mian Alauddin, Ph.D.
Hossain Baghaei, Ph.D.
Victor Krasnykh, Ph.D.
Hongdi Li, Ph.D.
ASSISTANT PROFESSOR
Geng Ku, Ph.D.
Mei Tian, M.D., Ph.D.
Yuxuan Zhang, Ph.D.

ASSISTANT PROFESSOR

Wei Lu, Ph.D.
Amer M. Najjar, Ph.D.

INSTRUCTORS

Beatriz Elena Adrada, M.D.
Salmaan Ahmed, M.D.
Judy Ahrar, M.D.
Elsa Arribas, M.D.

Rony Avritscher, M.D.

Aparna Balachandran, M.D.
Marcelo Felipe Kuperman Benveniste,
M.D.
Priya R. Bhosale, M.D.
Yulia Bronstein, M.D.
Selin Carkaci, M.D.
Colleen Costelloe, M.D.
Sonia Liliana Betancourt Cuellar, M.D.
James Matthew Debnam, M.D.
Catherine Ellen Devine, M.D.
Basak Erguvan Dogan, M.D.
Silvana de Castro Faria, M.D., Ph.D.
Nancy Elizabeth Fitzgerald, M.D.
Myrna Godoy, M.D.
Nandita Guha-Thakurta, M.D.
Tamara Miner Haygood, M.D., Ph.D.
Vinodh A. Kumar, M.D.
Michael Kwon, M.D., Ph.D.
Deanna Lynn Lane, M.D.
Ott Le, M.D.
Armeen Mahvash, M.D.
Leonardo Pimental Marcal, M.D.
Stephen E. McRae, M.D.
Jane A. Onufer, M.D.
Diana Palacio, M.D.
Madhavi Patnana, M.D.
Brinda R. Rao, M.D.
Gaiane Margishvili Rauch, M.D., Ph.D.
Tara Sagebiel, M.D.
Lumarie Santiago, M.D.
Dawid Schellingerhout, M.D.
Komal Shah, M.D.
Alda Lui Tam, M.D.
Raghunandan Vikram, M.D.
Chitra Viswanathan, M.D.
Thinh Vu, M.D.

DEPARTMENT OF EXPERIMENTAL
DIAGNOSTIC IMAGING

PROFESSOR AND CHAIR
Juri G. Gelovani, M.D., Ph.D.

PROFESSORS

Chun Li, Ph.D.
William P. Tong, Ph.D.
Wai-Hoi Wong, Ph.D.
David J. Yang, Ph.D.

ASSOCIATE PROFESSORS

Mian Alauddin, Ph.D.
Hossain Baghaei, Ph.D.
Victor Krasnykh, Ph.D.
Hongdi Li, Ph.D.

ASSISTANT PROFESSOR

Geng Ku, Ph.D.
Mei Tian, M.D., Ph.D.
Yuxuan Zhang, Ph.D.

INSTRUCTORS

Wei Lu, Ph.D.
Amer M. Najjar, Ph.D.

**DEPARTMENT OF
IMAGING PHYSICS**

PROFESSOR AND CHAIR
John D. Hazle, Ph.D.

PROFESSORS

Dianna Cody, Ph.D.
Peter R. Gascoyne, Ph.D.
Edward F. Jackson, Ph.D.
Chris C. Shaw, Ph.D.
Richard Wendt III, Ph.D.

ASSOCIATE PROFESSORS

Luc Bidaut, Ph.D.
Jingfei Ma, Ph.D.
Osama Mawlawi, Ph.D.
Tinsu Pan, Ph.D.
Yiping Shao, Ph.D.
Konstantin V. Sokolov, Ph.D.
Jihong Wang, Ph.D.
Charles E. Willis, Ph.D.

ASSISTANT PROFESSORS

James A. Bankson, Ph.D.
Ping Hou, Ph.D.
Aaron Kyle Jones, Ph.D.

S. Cheenu Kappadath, Ph.D.
Xinming Liu, Ph.D.
Thomas Nishino, Ph.D.
X. John Rong, Ph.D.
R. Jason Stafford, Ph.D.

INSTRUCTORS

Chao-Jen Lai, Ph.D.
Linda T. Nieman, Ph.D.

**DEPARTMENT OF
NUCLEAR MEDICINE**

PROFESSOR AND CHAIR
Homer A. Macapinlac, M.D.

PROFESSORS

E. Edmund Kim, M.D.
Donald A. Podoloff, M.D.
Franklin C. Wong, J.D., M.D., Ph.D.

ASSOCIATE PROFESSOR

Eric Rohren, M.D.

ASSISTANT PROFESSORS

Beth Chasen, M.D.
Hubert Hsing Chuang, M.D., Ph.D.

**DEPARTMENT OF GENERAL
INTERNAL MEDICINE, AMBULATORY
TREATMENT AND EMERGENCY CARE**

PROFESSOR AND CHAIR
Carmelita P. Escalante, M.D.

PROFESSORS

Ellen F. Manzullo, M.D.
Abdulla K. Salahudeen, M.D.
Maria Suarez-Almazor, M.D., Ph.D.
Robert Volk, Ph.D.

ASSOCIATE PROFESSORS

Shu-Wei Gao, M.D.
Carmen E. Gonzalez, M.D.
Tejpal Grover, M.D.
Khanh Thi-Thuy Nguyen, M.D.
Jeong Hoon Oh, M.D.
Margaret B. Row, M.D.
Sunil K. Sahai, M.D.
Kathleen Anne Smalky, M.D.
Sai-ching J. Yeung, M.D., Ph.D.

ASSISTANT PROFESSORS

Maria-Claudia Campagna, M.D.
Patrick Chaftari, M.D.
Niraj Choudhary, M.D.
Maria Teresa Cruz Carreras, M.D.
Marina Ciny George, M.D.
Josiah Halm, M.D.
Jerry Don Henderson, M.D.
Holly M. Holmes, M.D.
Jessica P. Hwang, M.D.
Michael Kallen, Ph.D.
Amit Lahoti, M.D.
Wenli Liu, M.D.
Huifang Lu, M.D., Ph.D.
Asifa Mahboob Malik, M.D.
Mary Haven Merkle, M.D.
John T. Patlan, M.D.
Terry W. Rice, M.D.
Jean H. Tayar, M.D.
Khanh D. Vu, M.D.
Kirt Walker, M.D.

INSTRUCTORS

Gloria Iliescu, M.D.
Dushyant Verma, M.D.
Marieberta Vidal, M.D.

**DEPARTMENT OF INFECTIOUS
DISEASES, INFECTION CONTROL AND
EMPLOYEE HEALTH**

PROFESSOR AND CHAIR
Issam I. Raad, M.D.

PROFESSORS

Dimitrios P. Kontoyiannis, M.D.
Kenneth V. Rolston, M.D.
Georgia A. Thomas, M.D.

ASSOCIATE PROFESSORS

Roy F. Chemaly, M.D.
Elizabeth Conrad Frenzel, M.D.
Ray Y. Hachem, M.D.
Amar Safdar, M.D.

ASSISTANT PROFESSORS

Javier A. Adachi, M.D.
Bruno Palma Granwehr, M.D.
Coralia N. Mihu, M.D.
Victor Eduardo Mulanovich, M.D.
Samuel Shelburne, M.D.
Harrys Antonio Torres, M.D.

INSTRUCTOR

Anne-Marie P. Chaftari, M.D.

**DEPARTMENT OF
PULMONARY MEDICINE**

PROFESSOR AND CHAIR
Burton F. Dickey, M.D.

PROFESSORS

Michael Kroll, M.D.
Rodolfo C. Morice, M.D.
Vickie R. Shannon, M.D.

ASSOCIATE PROFESSORS

Vahid Afshar-Kharghan, M.D.
Georgie A. Eapen, M.D.
Carlos Jimenez, M.D.
David Ost, M.D.
Michael J. Tuvim, Ph.D.

ASSISTANT PROFESSORS

Roberto Adachi, M.D.
Diwakar Balachandran, M.D.
Lara Bashoura, M.D.
Scott Evans, M.D.
Christopher M. Evans, Ph.D.
Saadia Faiz, M.D.
Seyed Javad Moghaddam, M.D.

**DEPARTMENT OF
SYMPTOM RESEARCH**

PROFESSOR AND CHAIR
Charles Cleeland, Ph.D.

ASSOCIATE PROFESSORS

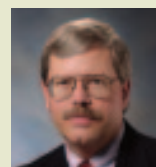
Karen O. Anderson, Ph.D.
Xin Shelley Wang, M.D.

ASSISTANT PROFESSORS

Tito R. Mendoza, Ph.D.
Guadalupe Palos, Dr.P.H.
Qiuling Shi, Ph.D.

INSTRUCTORS

Sonika Agarwal, M.D.
Javier O. Valenzuela, Ph.D.
Loretta A. Williams, Ph.D.



DIVISION OF PATHOLOGY AND LABORATORY MEDICINE

DIVISION HEAD

Stanley R. Hamilton, M.D.

**DEPARTMENT OF
HEMATOPATHOLOGY**

PROFESSOR AND CHAIR
Jeffrey Medeiros, M.D.

PROFESSORS

Lynne V. Abruzzo, M.D., Ph.D.
Carlos E. Bueso-Ramos, M.D., Ph.D.
Richard J. Ford Jr., M.D., Ph.D.
Yang O. Huh, M.D.
Daniel M. Jones, M.D., Ph.D.
Rajyalakshmi (Raja) Luthra, Ph.D.
John T. Manning, M.D.
Timothy J. McDonnell, M.D., Ph.D.
James M. Reuben, Ph.D.

ASSOCIATE PROFESSORS

Hesham M. Amin, M.D.
Sandy Chang, M.D., Ph.D.
Jeffrey L. Jorgensen, M.D., Ph.D.
Pei Lin, M.D.
Roberto Miranda, M.D.
Ellen J. Schlette, M.D.

ASSISTANT PROFESSORS

Su S. Chen, M.D., Ph.D.
Sergej N. Konoplev, M.D., Ph.D.
Bang-Ning Lee, Ph.D.
Guohui (Gary) Lu, M.D.
Tariq Muzzafar, M.B.B.S.
Mark J. Roubtort, M.D., Ph.D.
Rachel L. Sargout, M.D.
Francisco Vega-Vazquez, M.D., Ph.D.
Sa Wang, M.D.
C. Cameron Yin, M.D., Ph.D.
M. James You, M.D., Ph.D.
Zhuang Zuo, M.D.

INSTRUCTORS

Lan Pham, Ph.D.
Rajesh R. Singh, Ph.D.

**DEPARTMENT OF
LABORATORY MEDICINE**

PROFESSOR AND CHAIR
Elizabeth Wagar, M.D.

PROFESSORS

Marcelo Fernandez-Vina, Ph.D.
Herbert A. Fritsche Jr, Ph.D.
Cheryl F. Hirsch-Ginsberg, M.D.
Gregory May, Ph.D.
Jeffrey J. Tarrand, M.D.

ASSOCIATE PROFESSORS

Pedro Cano, M.D.
Xiang-Yang Han, M.D., Ph.D.
Beverly Carol Handy, M.D.
Aida B. Narvios, M.D.
Xiaoping Sun, M.D., Ph.D.

ASSISTANT PROFESSORS

Xin Han, M.D.
Fernando Martinez, M.D.
Kurt Clement Sizer, M.D.

**DEPARTMENT OF
MOLECULAR PATHOLOGY**

PROFESSOR AND CHAIR
Ralph B. Arlinghaus, Ph.D.

PROFESSORS

Eckhard Alt, M.D.
Peng Huang, M.D., Ph.D.
Macus T. Kuo, Ph.D.
Sue-Hwa Lin, Ph.D.

ASSOCIATE PROFESSORS

Kun-Sang Chang, Ph.D.
Jiale Dai, Ph.D.
Subrata Sen, Ph.D.
Yao-Hua Song, M.D., Ph.D.

ASSISTANT PROFESSORS

Hiroshi Katayama, Ph.D.
Yu-Chen Lee, Ph.D.
Sendurai Mani, Ph.D.
Ajoy Kumar Samanta, Ph.D.

INSTRUCTORS

Xiaowen Bai, Ph.D.
Gang Chen, Ph.D.
Xiaohong Leng, Ph.D.
Zhengdong Liang, M.D., Ph.D.
Helene Pelicano, Ph.D.
Nathalie Sphyrin, Ph.D.
Wen-Bin Tsai, Ph.D.
Jody V. Vykoukal, Ph.D.
Wenxin Zou, Ph.D.

DEPARTMENT OF PATHOLOGY

PROFESSOR AND CHAIR
Janet M. Bruner, M.D.

PROFESSORS

Kenneth D. Aldape, M.D.
Nancy P. Caraway, M.D.
Bogdan A. Czerniak, M.D., Ph.D.
Michael T. Deavers, M.D.
Adel K. El-Naggar, M.D., Ph.D.
Harry L. Evans, M.D.
Tina V. Fanning, M.D.
Gregory N. Fuller, M.D., Ph.D.
Ruth L. Katz, M.D.
Savitri Krishnamurthy, M.D.
Jinsong Liu, M.D., Ph.D.
Anais Malpica, M.D.
Jeanne M. Meis, M.D.
Cesar Moran, M.D.
Victor Prieto, M.D., Ph.D.
Asif Rashid, M.D., Ph.D.
Aysegul A. Sahin, M.D.
Nour Sneige, M.D.
Gregg A. Staerckel, M.D.
William F. Symmans, M.D.
Patricia Troncoso, M.D.
Ignacio Ivan Wistuba, M.D.
Wei Zhang, Ph.D.

ASSOCIATE PROFESSORS

Susan Abraham, M.D.
Constance Albarracin, M.D., Ph.D.

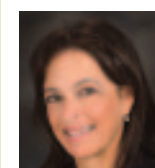
Russell Broadus, M.D., Ph.D.
Mary Elizabeth Edgerton, M.D., Ph.D.
Michael Gilcrease, M.D., Ph.D.
Yun Gong, M.D.
Lauren A. Langford, M.D.
Lavinia P. Middleton, M.D.
Pheroze Tamboli, M.D.
Dongfeng Tan, M.D.
Huamin Wang, M.D., Ph.D.

ASSISTANT PROFESSORS

Diana Bell, M.D.
Alejandro Corvalan, M.D.
Jonathan L. Curry, M.D.
Elizabeth Dierksen Euscher, M.D.
Mahmoud Goodarzi, M.D.
Charles Chuanhai Guo, M.D.
Ming Guo, M.D.
Lei Huo, M.D., Ph.D.
Doina Ivan, M.D.
Neda Kalhor, M.D.
Alexander Lazar, M.D., Ph.D.
Dipen Maheshbhai Maru, M.D.
Priya Rao, M.D.
Erika Resetkova, M.D., Ph.D.
Michael Warren Riben, M.D.
Kanishka Sircar, M.D.
John Stewart, M.D., Ph.D.
Melissa Wainwright Taggart, M.D.
Carlos Antonio Torres Cabala, M.D.
Wei-Lien Wang, M.D.
Michelle Dianne Williams, M.D.
Yun Wu, M.D., Ph.D.
Gong Yang, Ph.D.
Hong Zhang, M.D.

INSTRUCTORS

Krishna P. Bhat, Ph.D.
Ping Ji, Ph.D.
Maria Gabriela Raso, M.D.
Ying Wu, Ph.D.



DIVISION OF PEDIATRICS

DIVISION HEAD

Eugenie S. Kleinerman, M.D.

DEPARTMENT OF PEDIATRICS

PROFESSOR AND CHAIR
Eugenie S. Kleinerman, M.D.

PROFESSORS

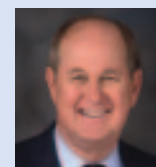
Peter Anderson, M.D., Ph.D.
Joann L. Ater, M.D.
Alan Fields, M.D.
Cynthia E. Herzog, M.D.
Bartlett D. Moore, Ph.D.
Tribhawan S. Vats, M.D.
Robert J. Wells, M.D.
Johannes Wolff, M.D.

ASSOCIATE PROFESSORS

Joya Chandra, Ph.D.
Laurence Cooper, M.D., Ph.D.
Rodrigo Mejia, M.D.
Regina Okhuysen-Cawley, M.D.
Rhonda Robert, Ph.D.
Michael E. Rytting, M.D.
Laura L. Worth, M.D., Ph.D.

ASSISTANT PROFESSORS

Martha Askins, Ph.D.
Jose Antonio Cortes, M.D.
Anna Rachel Franklin, M.D.
Vidya Gopalakrishnan, Ph.D.
Dennis Hughes, M.D., Ph.D.
Winston Huh, M.D.
Susan Staba Kelly, M.D.
Nadezhda V. Koshkina, Ph.D.
Dean A. Lee, M.D., Ph.D.
Cesar Augusto Nunez, M.D.
Demetrios Petropoulos, M.D.
Peter Eric Zage, M.D., Ph.D.
Patrick A. Zweidler-McKay, M.D., Ph.D.



DIVISION OF INTERNAL MEDICINE

DIVISION HEAD

Robert F. Gagel, M.D.

DEPARTMENT OF CARDIOLOGY

PROFESSOR AND CHAIR
Edward T.H. Yeh, M.D.

PROFESSOR

Michael S. Ewer, M.D.

ASSOCIATE PROFESSORS

Jean-Bernard Durand, M.D.
Syed Wamique Yusuf, M.D.

ASSISTANT PROFESSORS

Jose Banchs, M.D.
Jinke Cheng, Ph.D.
Iyad N. Daher, M.D.
Cezar Iliescu, M.D.
Aarif Y. Khakoo, M.D.
Elie Mouhayar, M.D.
Guilherme Oliveira, M.D.
Juan Carlos Plana, M.D.
Sui Zhang, M.D., Ph.D.

INSTRUCTORS

Tasneem Bawa-Khalfe, Ph.D.
Hong Dou, Ph.D.

DEPARTMENT OF DERMATOLOGY

PROFESSOR AND CHAIR
Ronald P. Rapini, M.D.

PROFESSORS

Madeleine Duvic, M.D.
Sharon R. Hymes, M.D.
Deborah Mac Farlane, M.D.

ASSOCIATE PROFESSOR

Carol R. Drucker, M.D.

ASSISTANT PROFESSORS

Susan Chon, M.D.
Ana Mercedes Ciurea, M.D.
Parul Hazarika, Ph.D.
Michael R. Migden, M.D.
Xiao Ni, M.D., Ph.D.
Kenneth Y. Tsai, M.D., Ph.D.
Chun-Lei Zhang, M.D., Ph.D.

**DEPARTMENT OF ENDOCRINE
NEOPLASIA AND HORMONAL
DISORDERS**

PROFESSOR AND CHAIR
Steven I. Sherman, M.D.

PROFESSORS

Gilbert Cote, Ph.D.
Victor R. Lavis, M.D.

ASSOCIATE PROFESSORS

Sara Peleg, Ph.D.
Steven G. Waguespack, M.D.

ASSISTANT PROFESSORS

Naifa L. Busaidy, M.D.
Maria Cabanillas, M.D.
Mouhammed A. Habra, M.D.
Mimi I-Nan Hu, M.D.
Camilo Jimenez, M.D.
Rozita Yarmand, Ph.D.
Anita Kuo Ying, M.D.

**DEPARTMENT OF
GASTROENTEROLOGY, HEPATOLOGY
AND NUTRITION**

PROFESSOR AND CHAIR
Lopa Mishra, M.D.

PROFESSORS

Manoop Bhutani, M.B.B.S.
Robert Bresalier, M.D.
Jeffrey H. Lee, M.D.
Patrick M. Lynch, J.D., M.D.
Gottumukkala Subba Raju, M.D.
John R. Stroehlein, M.D.

ASSOCIATE PROFESSORS

James Byrd, Ph.D.
Marta Davila, M.D.
Alexander A. Dekovich, M.D.
William A. Ross, M.D.
Mehnaz A. Shafi, M.D.

ASSISTANT PROFESSORS

Sushovan Guha, M.D., Ph.D.
Nachman Mazurek, Ph.D.
Shumei Song, M.D., Ph.D.



DIVISION OF QUANTITATIVE SCIENCES

DIVISION HEAD
Donald Berry, Ph.D.

DEPARTMENT OF BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

PROFESSOR AND CHAIR
John N. Weinstein, M.D., Ph.D.

PROFESSORS
Jonas Silva Almeida, Ph.D.
Kevin R. Coombes, Ph.D.
Shoudan Liang, Ph.D.
Susan L. Tucker, Ph.D.

ASSOCIATE PROFESSORS
Keith A. Baggerly, Ph.D.
Bradley McIntosh Broom, Ph.D.
Yuan Ji, Ph.D.
Lynn H. Vogel, Ph.D.

ASSISTANT PROFESSORS
Han Liang, Ph.D.
Li Zhang, Ph.D.

INSTRUCTORS
Romesh C. Stanislaus, Ph.D.
Jing Wang, Ph.D.

DEPARTMENT OF BIostatISTICS

PROFESSOR AND CHAIR
Donald Berry, Ph.D.

PROFESSORS
Edward N. Atkinson, Ph.D.
Scott B. Cantor, Ph.D.
Kim-Anh Do, Ph.D.
Linda S. Elting, Dr.P.H.
Kenneth R. Hess, Ph.D.
Valen E. Johnson, Ph.D.
Jiun-Kae Jack Lee, Ph.D.
Peter Mueller, Ph.D.
Gary L. Rosner, Sc.D.
Yu Shen, Ph.D.
Peter F. Thall, Ph.D.

ASSOCIATE PROFESSORS
Benjamin Nebiyou Bekele, Ph.D.
Jianhua Hu, Ph.D.
Xuelin Huang, Ph.D.
Jeffrey Morris, Ph.D.
J. Lynn Palmer, Ph.D.
Ya-Chen Shih, Ph.D.

ASSISTANT PROFESSORS
Veerabhadran Baladandayuthapani, Ph.D.
Yisheng Li, Ph.D.
Ying Yuan, Ph.D.

INSTRUCTOR
Richard J. Swartz, Ph.D.



DIVISION OF RADIATION ONCOLOGY

DIVISION HEAD
James D. Cox, M.D.

DEPARTMENT OF EXPERIMENTAL RADIATION ONCOLOGY

PROFESSOR AND CHAIR
Junjie Chen, Ph.D.

PROFESSORS
Khandan Keyomarsi, Ph.D.
Lei Li, Ph.D.
Marvin L. Meistrich, Ph.D.
Raymond E. Meyn Jr., Ph.D.
Elizabeth L. Travis, Ph.D.

ASSOCIATE PROFESSOR
Kathryn A. Mason, M.S.

ASSISTANT PROFESSORS
Said Akli, Ph.D.
Anupama Munshi, Ph.D.
Uma Raju, Ph.D.
Gunapala Shetty, Ph.D.

INSTRUCTORS
Anjana Bhardwaj, Ph.D.
Ekem T. Efuet, Ph.D.
Yuhui Yuan, M.D., Ph.D.

DEPARTMENT OF RADIATION ONCOLOGY

PROFESSOR AND CHAIR
Thomas A. Buchholz, M.D.

PROFESSORS
Kie-Kian Ang, M.D., Ph.D.
James D. Cox, M.D.
Christopher Crane, M.D.
Patricia J. Eifel, M.D.
Adam S. Garden, M.D.
Anuja Jhingran, M.D.
Ritsuko Komaki, M.D.
Deborah A. Kuban, M.D.
Zhongxing Liao, Ph.D.
William H. Morrison, M.D.
David Rosenthal, M.D.
Alfred R. Smith, Ph.D.
Eric A. Strom, M.D.
Shiao Y. Woo, M.D.
Gunar K. Zagars, M.D.

ASSOCIATE PROFESSORS
Matthew T. Ballo, M.D.*
Elizabeth Stroh Bloom, M.D.*
Eric L. Chang, M.D.
Joe Y. Chang, M.D., Ph.D.
Marc E. Delclos, M.D.
Thomas M. Guerrero, M.D., Ph.D.
Melenda Jeter, M.D.
Sunil Krishnan, M.D.
Andrew K. Lee, M.D.
Anita Mahajan, M.D.
Michael O'Reilly, M.D.
George H. Perkins, M.D.
Pamela J. Schlembach, M.D.*

ASSISTANT PROFESSORS
Isidora Arzu, M.D., Ph.D.*
Beth Michelle Beadle, M.D., Ph.D.
M. Kara Bucci, M.D.
Seungtaek Choi, M.D.
Gregory Chronowski, M.D.*
Bouthaina Shbib Dabaja, M.D.
Prajnan Das, M.D.
Steven Jay Frank, M.D.
Amit Kumar Garg, M.D.*
Daniel Gomez, M.D.
Ramesh Gopal, M.D., Ph.D.*
David Grosshans, M.D., Ph.D.
Beverly Ashleigh Guadagnolo, M.D.
Gary Brandon Gunn, M.D.
Karen Hoffman, M.D.
Ann H. Klopp, M.D.
Steven Hsesheng Lin, M.D., Ph.D.
Mary Frances McAleer, M.D., Ph.D.
Sean Eric McGuire, M.D., Ph.D.
Quynh-Nhu Nguyen, M.D.
Julia Linda Oh, M.D.
Valerie Klairisa Reed, M.D.
Shalin Jyotindra Shah, M.D.*
Erik Philip Sulman, M.D., Ph.D.
Welela Tereffe, M.D.
James Welsh, M.D.
Wendy Woodward, M.D., Ph.D.
Tse-Kuan Yu, M.D., Ph.D.

**Member of M. D. Anderson Physicians Network*

DEPARTMENT OF RADIATION PHYSICS

PROFESSOR AND CHAIR
Radhe Mohan, Ph.D.

PROFESSORS
Sam Beddar, Ph.D.
Michael Gillin, Ph.D.
Geoffrey Ibbott, Ph.D.
Mary K. Martel, Ph.D.
Almon S. Shiu, Ph.D.
George Starkschall, Ph.D.
Marilyn Stovall, Ph.D.
Xiaorong Ronald Zhu, Ph.D.

ASSOCIATE PROFESSORS
Peter A. Balter, Ph.D.
Lei Dong, Ph.D.
David S. Followill, Ph.D.
Rajat J. Kudchadker, Ph.D.
Firas Mourtada, Ph.D.
Wayne D. Newhauser, Ph.D.
Narayan Sahoo, Ph.D.
Mohammad Salehpour, Ph.D.
Kazumichi Suzuki, Ph.D.
Ramesh C. Tailor, Ph.D.

ASSISTANT PROFESSORS
Bijan Arjomandy, Ph.D.
Tina Marie Briere, Ph.D.
Martin Bues, Ph.D.
Kent A. Gifford, Ph.D.*
Rebecca Maureen Howell, Ph.D.
Sandeep Hunjan, Ph.D.
Dershan Luo, Ph.D.
Dragan Mirkovic, Ph.D.
Jeremy Clifford Polf, Ph.D.
Uwe Titt, Ph.D.
Oleg N. Vassiliev, Ph.D.
Sastry Vedam, Ph.D.
Milos Vicic, Ph.D.
He "Catherine" Wang, Ph.D.
Xiaochun Wang, Ph.D.
James N. Yang, Ph.D.
Sean X. Zhang, Ph.D.
Xiaodong Zhang, Ph.D.

INSTRUCTORS
Weiliang Du, Ph.D.
Song Gao, Ph.D.
Stephen F. Kry, Ph.D.
Christopher Lee Nelson, Ph.D.*
Congjun Wang, Ph.D.

**Member of M. D. Anderson Physicians Network*



DIVISION OF SURGERY

DIVISION HEAD
Raphael E. Pollock, M.D., Ph.D.

DEPARTMENT OF GYNECOLOGIC ONCOLOGY

PROFESSOR AND CHAIR
David M. Gershenson, M.D.

PROFESSORS
Michael W. Bevers, M.D.
Diane C. Bodurka, M.D.
Thomas W. Burke, M.D.
Robert Coleman, M.D.
Charles F. Levenback, M.D.
Karen H. Lu, M.D.
Samuel Mok, Ph.D.
Anil K. Sood, M.D.
George Stancel, Ph.D.
Judith K. Wolf, M.D.

ASSOCIATE PROFESSORS
Jubilee Brown, M.D.
Andrea Milbourne, M.D.
Pedro Tomas Ramirez, M.D.
Lois M. Ramondetta, M.D.
Helen E. Rhodes, M.D.
Rosemarie Schmandt, Ph.D.
Judith Ann Smith, Pharm.D.
Kwong K. Wong, Ph.D.

ASSISTANT PROFESSORS
Michael Frumovitz, M.D.
Wei Hu, M.D., Ph.D.
Elizabeth R. Keeler, M.D.
Kathleen M. Schmeler, M.D.
Pamela Therese Soliman, M.D.
Charlotte C. Sun, Dr.P.H.

DEPARTMENT OF HEAD AND NECK SURGERY

PROFESSOR AND CHAIR
Randal S. Weber, M.D.

PROFESSORS
Mark S. Chambers, D.M.D.
Gary L. Clayman, D.D.S., D.M.D., M.D.
Eduardo M. Diaz Jr., M.D.
Bitá Esmaeli, M.D.
Ann Gillenwater, M.D.
Ehab Y. Hanna, M.D.
Rhonda F. Jacob, D.D.S.
Jan S. Lewin, Ph.D.
Jack W. Martin, D.D.S.
Jeffrey N. Myers, M.D., Ph.D.
Jade S. Schiffman, M.D.
Bela B. Toth, D.D.S.

ASSOCIATE PROFESSORS
Paul W. Gidley, M.D.
Dan S. Gombos, M.D.
Amy Clark Hessel, M.D.
Floyd Holsinger, M.D.
Stella K. Kim, M.D.
Erich M. Sturgis, M.D.
Xiangwei Wu, Ph.D.

ASSISTANT PROFESSORS
Carlos Caulin, Ph.D.
Mitchell J. Frederick, Ph.D.
Theresa Maria Hofstede, D.D.S.
Michael Elliot Kupferman, M.D.
Stephen Yenzen Lai, M.D., Ph.D.

Guojun Li, M.D., Ph.D.
Ge Zhou, Ph.D.

INSTRUCTOR
Tongxin Xie, M.D., Ph.D.

DEPARTMENT OF NEUROSURGERY

PROFESSOR AND CHAIR
Raymond E. Sawaya, M.D.

PROFESSORS
Oliver Bogler, Ph.D.
Franco DeMonte, M.D.
Frederick F. Lang Jr., M.D.
Ian E. McCutcheon, M.D.

ASSOCIATE PROFESSORS
Amy B. Heimberger, M.D.
Suyun Huang, Ph.D.
Sujit S. Prabhu, M.D.
Laurence D. Rhines, M.D.
Dima Suki, Ph.D.
Jeffrey Weinberg, M.D.

ASSISTANT PROFESSORS
Syed S. Azeem, M.D.
Daniel Patrick Cahill, M.D., Ph.D.
Nicholas B. Levine, M.D.
Ganesh Rao, M.D.

INSTRUCTORS
Anupama Edward Gururaj, Ph.D.
Khatri Latha, Ph.D.
Jun Wei, Ph.D.

DEPARTMENT OF PLASTIC SURGERY

PROFESSOR AND CHAIR
Geoffrey L. Robb, M.D.

PROFESSORS
Elisabeth K. Beahm, M.D.
Charles E. Butler, M.D.
David W. Chang, M.D.
Gregory P. Reece, M.D.

ASSOCIATE PROFESSORS
Matthew M. Hanasono, M.D.
Steven Kronowitz, M.D.
Scott Oates, M.D.
Roman Skoracki, M.D.
Peirong Yu, M.D.

ASSISTANT PROFESSORS
Donald P. Baumann, M.D.
Melissa Ann Crosby, M.D.
Patrick Bryan Garvey, M.D.
Anshu Bagga Mathur, Ph.D.
Justin Michael Sacks, M.D.
Jesse Creed Selber, M.D.
Mark Timothy Villa, M.D.

DEPARTMENT OF SURGICAL ONCOLOGY

PROFESSOR AND CHAIR
Raphael E. Pollock, M.D., Ph.D.

PROFESSORS
Paul J. Chiao, Ph.D.
Steven A. Curley, M.D.
Lee M. Ellis, M.D.

Barry W. Feig, M.D.
Jeffrey E. Gershenwald, M.D.
Kelly K. Hunt, M.D.
Henry Mark Kuerer, M.D., Ph.D.
Jeffrey E. Lee, M.D.
Paul F. Mansfield, M.D.
Funda Meric-Bernstam, M.D.
Nancy Dugal Perrier, M.D.
Peter W. Pisters, M.D.
Miguel A. Rodriguez-Bigas, M.D.
Merrick I. Ross, M.D.
John M. Skibber, M.D.
Jean Nicolas Vauthey, M.D.

ASSOCIATE PROFESSORS
Eddie K. Abdalla, M.D.
Gildy Babiera, M.D.
Ervin B. Brown, M.D.
Janice Nicole Cormier, M.D.
Jason B. Fleming, M.D.
Valerae O. Lewis, M.D.
Patrick P. Lin, M.D.
Anthony Lucci, M.D.
Richard E. Royal, M.D.

ASSISTANT PROFESSORS
Isabelle Bedrosian, M.D.
George J. Chang, M.D.
Keith Fournier, M.D.
Elizabeth Gardner Grubbs, M.D.
Andrea Hayes-Jordan, M.D.
Rosa Frances Hwang, M.D.
Elizabeth Ann Mittendorf, M.D.
Bryan S. Moon, M.D.
Loren Rourke, M.D.
Balraj Singh, Ph.D.
Yan Xing, M.D., Ph.D.
Yi-Qian Nancy You, M.D.

INSTRUCTORS
Zhongkui Li, Ph.D.
Jianhua Ling, Ph.D.
Heping Liu, Ph.D.
Pingyu Zhang, Ph.D.
Quan-sheng Zhu, Ph.D.

DEPARTMENT OF THORACIC AND CARDIOVASCULAR SURGERY

PROFESSOR AND CHAIR
Stephen G. Swisher, M.D.

PROFESSORS
Reza John Mehran, M.D.
Jack A. Roth, M.D.
Garrett L. Walsh, M.D.

ASSOCIATE PROFESSORS
Bingliang Fang, M.D., Ph.D.
Wayne L. Hofstetter, M.D.
Lin Ji, Ph.D.
Rajagopal Ramesh, Ph.D.
David C. Rice, M.D.
Ara A. Vaporciyan, M.D.

ASSISTANT PROFESSORS
Arlene M. Correa, Ph.D.
Abujiang Pataer, M.D., Ph.D.

INSTRUCTORS
Bingbing Dai, Ph.D.
Wei Guo, M.D., Ph.D.
Alden Parsons, M.D.

DEPARTMENT OF UROLOGY

PROFESSOR AND CHAIR
Colin P.N. Dinney, M.D.

PROFESSORS
H. Barton Grossman, M.D.
David J. McConkey, Ph.D.
Curtis A. Pettaway, M.D.
Louis L. Pisters, M.D.

ASSOCIATE PROFESSORS
Ashish Kamat, M.D.
Surena Matin, M.D.
Ouida Lenaine Westney, M.D.
Christopher G. Wood, M.D.

ASSISTANT PROFESSORS
Liana Adam, M.D., Ph.D.
John W. Davis, M.D.
John F. Ward, M.D.

INSTRUCTORS
Woonyoung Choi, Ph.D.
Aditi Das, Ph.D.

DEPARTMENT OF PSYCHIATRY

PROFESSOR AND CHAIR AD INTERIM
Alan D. Valentine, M.D.

PROFESSOR
James Desmond Duffy, M.D.

ASSISTANT PROFESSORS
Yvette McLin, M.D.
Anis Rashid, M.D.

SCHOOL OF HEALTH PROFESSIONS

M. D. Anderson's School of Health Professions educates medical support professionals who are in high demand across the United States, awarding bachelor's degrees and certificates in eight allied health programs.

PROFESSOR AND DEAN
Michael J. Ahearn, Ph.D.

ASSOCIATE PROFESSOR
Peter C. Hu, Ph.D.

ASSISTANT PROFESSORS
Shaun T. Caldwell, M.S.
Mahsa Dehghanpour, M.S.
Brandy A. Greenhill, M.S.
Stephanie Ann Hamilton, D.Ed.
Vicki L. Hopwood, M.S.
Patrick Lennon, Ph.D.

INSTRUCTORS
Samuel Agbe, Ph.D.
Mark A. Bailey, M.A.
Jamie Baker, M.S.
Jun Gu, M.D.
Catherine M. Murphy, M.S.
Kimberly Murray, M.A.Ed.
Suzieann M. Richards-Bass, M.B.A.
Kameka Rideaux, M.S.
Sonja K. Robb-Belville, M.S.
Deborah M. Scroggins, M.S.

EXTERNAL ADVISORY BOARD

M. D. Anderson's External Advisory Board is composed of highly regarded scientific advisors who consult with M. D. Anderson faculty leaders on research programs and initiatives.

Carolyn Aldigé
*Prevent Cancer Foundation
Alexandria, Va.*

William G. Nelson, M.D., Ph.D.
*Sidney Kimmel Comprehensive
Cancer Center at Johns Hopkins
University*

James O. Armitage, M.D.
University of Nebraska

Eric N. Olson, Ph.D.
*The University of Texas
Southwestern Medical Center
at Dallas*

Andreas D. Baxevanis, Ph.D.
*National Human Genome
Research Institute
National Institutes of Health*

Bert O'Malley, M.D.
Baylor College of Medicine

Elizabeth Blackburn, Ph.D.
*University of California, San
Francisco*

Richard J. O'Reilly, M.D.
*Memorial Sloan-Kettering Cancer
Center*

Paul A. Bunn Jr., M.D.
*University of Colorado Cancer
Center*

Franklyn Prendergast, M.D., Ph.D.
Mayo Clinic

Richard Caprioli, Ph.D.
Vanderbilt University

Edward Sausville, M.D., Ph.D.
*University of Maryland
Greenebaum Cancer Center*

Susan Curry, Ph.D.
University of Iowa

Richard Schilsky, M.D.
University of Chicago

Andrew Dannenberg, M.D.
Weill Cornell Cancer Center

Thomas A. Sellers, Ph.D.
*H. Lee Moffitt Cancer Center and
Research Institute*

Nancy E. Davidson, M.D.
*Johns Hopkins University School
of Medicine*

David Sidransky, M.D.
Johns Hopkins University

Sarah S. Donaldson, M.D.
Stanford Cancer Center

Ellen Sigal, Ph.D.
*Friends of Cancer Research
Arlington, Va.*

Norman R. Drinkwater, Ph.D.
University of Wisconsin-Madison

Craig B. Thompson, M.D.
*Abramson Family Cancer
Research Institute*

Steven N. Goodman, M.D.
Johns Hopkins University

Jeffrey M. Trent, Ph.D.
*Translational Genomics Research
Institute
Phoenix, Ariz.*

Joe W. Gray, Ph.D.
*University of California, San
Francisco*

Geoffrey M. Wahl, Ph.D.
Salk Institute

David N. Louis, M.D.
Harvard Medical School

Richard L. Wahl, M.D.
Johns Hopkins University

H. Kim Lyerly, M.D.
*Duke Comprehensive Cancer
Center*

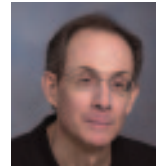
Marcy Waldinger, M.H.S.A.
*University of Michigan
Comprehensive Cancer Center*

Tak Wah Mak, Ph.D.
University of Alberta

Joan Massague, Ph.D.
*Memorial Sloan-Kettering Cancer
Center*

Harold Moses, M.D.
Vanderbilt-Ingram Cancer Center

BASIC SCIENCE DEPARTMENTS

DEPARTMENT OF BIOCHEMISTRY
AND MOLECULAR BIOLOGY

PROFESSOR AND CHAIR
William H. Klein, Ph.D.

PROFESSORS
Michelle Barton, Ph.D.
Richard Brennan, Ph.D.
Sharon R. Dent, Ph.D.
John Edward Simon Durham, Ph.D.
Pierre D. McCrea, Ph.D.

ASSOCIATE PROFESSORS
Andreas Bergmann, Ph.D.
Yasuhide Furuta, Ph.D.
Georg Halder, Ph.D.
Randy L. Johnson, Ph.D.
Jan Parker-Thornburg, Ph.D.
Maria Schumacher, Ph.D.
Shinako Takada, Ph.D.

ASSISTANT PROFESSORS
Stefan Theodor Arold, Ph.D.
Xiaomin Chen, Ph.D.
Jang-Hyeon Cho, Ph.D.
Michael J. Galko, Ph.D.
Todd Link, Ph.D.
Chai-An Mao, Ph.D.
Marek Napierala, Ph.D.
Xiaobing Shi, Ph.D.
Hong Wen, Ph.D.

INSTRUCTORS
Yun Fan, Ph.D.
Sao Jiralerspong, M.D., Ph.D.
Ann Marie Simeone, Ph.D.

DEPARTMENT OF CANCER BIOLOGY



PROFESSOR AND CHAIR AD INTERIM
Lee M. Ellis, M.D.

PROFESSORS
Menashe Bar Eli, Ph.D.
Douglas D. Boyd, Ph.D.
Dominic Fan, Ph.D.
Isaiah J. Fidler, D.V.M., Ph.D.
Craig Logsdon, Ph.D.
Dingzhi Wang, Ph.D.

ASSOCIATE PROFESSORS
Krishnakumar Balasubramanian, Ph.D.
Sun Jin Kim, M.D., Ph.D.
Janet E. Price, Ph.D.
Zhengxin Wang, Ph.D.

ASSISTANT PROFESSORS
Dina Chelouche Lev, M.D.
Vijaykumar Holla, Ph.D.
Baoan Ji, M.D., Ph.D.
Robert Langley, Ph.D.
Joseph McCarty, Ph.D.
David G. Menter, Ph.D.
Xiangcang Ye, Ph.D.
Kenji Yokoi, M.D., Ph.D.

INSTRUCTORS
Seung Wook Kim, Ph.D.
Vijaya Ramachandran, Ph.D.
Yunfei Zhou, Ph.D.

DEPARTMENT OF CARCINOGENESIS



PROFESSOR AND CHAIR AD INTERIM
Susan M. Fischer, Ph.D.

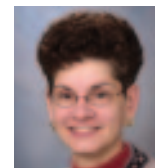
PROFESSORS
Claudio M. Aldaz, M.D.
John DiGiovanni, Ph.D.
David G. Johnson, Ph.D.
Donna Frances Kusewitt, D.V.M., Ph.D.
Michael C. MacLeod, Ph.D.
David L. Mitchell, Ph.D.
Rodney S. Nairn, Ph.D.
Ellen R. Richie, Ph.D.
Cheryl L. Walker, Ph.D.
Paul K. Wong, Ph.D.
Richard Wood, Ph.D.

ASSOCIATE PROFESSORS
Joe M. Angel, Ph.D.
Mark T. Bedford, Ph.D.
Fernando Jose Benavides, D.V.M., Ph.D.
Lezlee G. Coghlan, D.V.M.
Robin Fuchs-Young, Ph.D.
Irma B. Gimenez-Conti, D.D.S., Ph.D.
Kaoru Kiguchi, M.D., Ph.D.
Jianjun Shen, Ph.D.
Xuetong Shen, Ph.D.
Dean G. Tang, Ph.D.
Karen M. Vasquez, Ph.D.

ASSISTANT PROFESSORS
Joyce E. Rundhaug, Ph.D.
Mingshan Yan, M.D.

INSTRUCTORS
Erika L. Abel, Ph.D.
Thomas R. Berton, Ph.D.
Donghang Cheng, Ph.D.
Dae Joon Kim, Ph.D.
Okkyung Rho, Ph.D.
Virginia L. Scofield, Ph.D.
Keiichi Takata, Ph.D.
Guliang Wang, M.D., Ph.D.

DEPARTMENT OF GENETICS



PROFESSOR AND CHAIR
Guillermina Lozano, Ph.D.

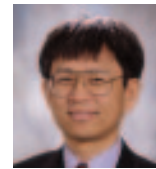
PROFESSORS
Richard R. Behringer, Ph.D.
Vicki D. Huff, Ph.D.
Ann M. Killary, Ph.D.
Randy J. Legerski, Ph.D.
Sadhan Majumder, Ph.D.
Louise C. Strong, M.D.
Hideyo Yasuda, Ph.D.

ASSOCIATE PROFESSORS
Sandy Chang, M.D., Ph.D.
Mini Kapoor, Ph.D.
Ralf Krahe, Ph.D.
Angabin Matin, Ph.D.
William W. Mattox, Ph.D.
Lalitha Nagarajan, Ph.D.
Jill Schumacher, Ph.D.

ASSISTANT PROFESSORS
Linda L. Bachinski, Ph.D.
Nanyue Chen, M.D., Ph.D.
Asha S. Multani, Ph.D.
Bin Wang, Ph.D.
Shunbin Xiong, Ph.D.

INSTRUCTORS
Shamima Akhter, Ph.D.
Seetharaman Balasenthil, Ph.D.
Qin Chen, M.D.
June Li, Ph.D.
Sean Post, Ph.D.
Krishna Sinha, Ph.D.
Sonali Sonnylal, Ph.D.
Young-Ah Suh, Ph.D.
Yang Wang, Ph.D.
Xiaoshan Zhang, M.D., Ph.D.

DEPARTMENT OF IMMUNOLOGY



PROFESSOR AND CHAIR
Yong-Jun Liu, M.D., Ph.D.

PROFESSORS
Chen Dong, Ph.D.
Bradley W. McIntyre, Ph.D.
Jagannadha K. Sastry, Ph.D.
Shao-Cong Sun, Ph.D.
Stephen E. Ullrich, Ph.D.

ASSOCIATE PROFESSORS
Michel Gilliet, M.D.
Hector Martinez-Valdez, M.D., Ph.D.
Stephanie S. Watowich, Ph.D.

ASSISTANT PROFESSORS
Laura Bover, Ph.D.
Wei Cao, Ph.D.
Roza Nurieva, Ph.D.
F. Xiao-Feng Qin, Ph.D.
Kimberly Schluns, Ph.D.
Tomasz Zal, Ph.D.
Chengming Zhu, Ph.D.

INSTRUCTORS
Seon Hee Chang, Ph.D.
Valeria Facchinetti, Ph.D.
Shino Hanabuchi, Ph.D.
Natalia Martin Orozco, Ph.D.
Eulogia Roman, Ph.D.
Amjad Hossain Talukder, Ph.D.
Kui Shin Voo, Ph.D.
Xuexian Yang, Ph.D.
Zhiqiang Zhang, Ph.D.

DEPARTMENT OF MOLECULAR
AND CELLULAR ONCOLOGY

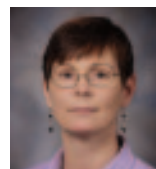
PROFESSOR AND CHAIR
Mien-Chie Hung, Ph.D.

PROFESSORS
Jim Klostergaard, Ph.D.
Xin Lin, Ph.D.
Stephen P. Tomasovic, Ph.D.
Dihua Yu, M.D., Ph.D.

ASSOCIATE PROFESSORS
Mong-Hong Lee, Ph.D.
Michael W. Van Dyke, Ph.D.

ASSISTANT PROFESSORS
Qing-Qing Ding, Ph.D.
Elsa Renee Flores, Ph.D.
Min Gyu Lee, Ph.D.
Hui-Kuan Lin, Ph.D.
Dos Sarbassov, Ph.D.
Weiya Xia, M.D.
Hirohito Yamaguchi, Ph.D.

INSTRUCTORS
Marzena Blonska, Ph.D.
Yongkun Wei, Ph.D.

DEPARTMENT OF VETERINARY
MEDICINE AND SURGERY

ASSOCIATE PROFESSOR AND CHAIR
Peggy T. Tinkey, D.V.M.

PROFESSORS
Amirali Nurali Hamir, Ph.D.
Sherry Klumpp, D.V.M.

ASSOCIATE PROFESSORS
Agatha Borne, D.V.M., Ph.D.
David Wayne Brammer, D.V.M.
Suzanne Craig, D.V.M.
Katherine A. Naff, D.V.M.

ASSISTANT PROFESSORS
Mihai Gagea Iurascu, D.V.M., Ph.D.
Rajesh Uthamanthil, D.V.M., Ph.D.

INSTRUCTOR
Cynthia R. Lockworth, D.V.M.

DEPARTMENT OF
VETERINARY SCIENCES

PROFESSOR AND CHAIR
Christian Abee, D.V.M.

PROFESSORS
Wallace Baze, D.V.M., Ph.D.
William C. Satterfield, D.V.M.

ASSOCIATE PROFESSORS
Bruce J. Bernacky, D.V.M.
Alan G. Brady, D.V.M.
Rick Avery Finch, Ph.D.
Gary L. Johanning, Ph.D.
Mark J. McArthur, D.V.M.
Pramod N. Nehete, Ph.D.
Julio Cesar Ruiz, D.V.M.
Steven J. Schapiro, Ph.D.

Feng Wang-Johanning, M.D., Ph.D.
Lawrence E. Williams, Ph.D.

ASSISTANT PROFESSORS
Kirstin F. Barnhart, D.V.M.
Stephanie J. Buchl, D.V.M.
Patrick Hanley, D.V.M.

Provided by Faculty Academic Affairs, the faculty list reflects individuals with full-time faculty appointments as of Dec. 31, 2009.

ADMINISTRATION

OFFICE OF THE PRESIDENT

John Mendelsohn, M.D.
President

Patrick B. Mulvey
Vice president for development

Adrienne C. Lang
Vice president for center programs

Stephen C. Stuyck
Vice president for public affairs

Mark A. Moreno
Vice president for governmental relations

OFFICE OF THE EXECUTIVE VICE PRESIDENT AND PHYSICIAN-IN-CHIEF

Thomas W. Burke, M.D.
*Executive vice president and
physician-in-chief*

Lewis E. Foxhall, M.D.
Vice president for health policy

Gerard J. Colman
*Senior vice president and
chief of clinical operations*

Joel D. Lajeunesse
*Vice president and head,
Division of Pharmacy*

John Bingham
Vice president for process improvement

Alma Rodriguez, M.D.
Vice president for medical affairs

Eduardo M. Diaz Jr., M.D.
Vice president for global clinical programs

Barbara L. Summers, Ph.D.
Vice president and chief nursing officer

Thomas W. Feeley, M.D.
Vice president for medical operations

Frank R. Tortorella, J.D.
Vice president for clinical support services

OFFICE OF THE PROVOST AND EXECUTIVE VICE PRESIDENT

Raymond N. DuBois, M.D., Ph.D.
Provost and executive vice president

Maurie Markman, M.D.
Vice president for clinical research

Robert C. Bast Jr., M.D.
Vice president for translational research

Stephen P. Tomasovic, Ph.D.
Senior vice president for academic affairs

Ernest T. Hawk, M.D.
*Vice president and head,
Division of Cancer Prevention and
Population Sciences*

OFFICE OF BUSINESS AND REGULATORY AFFAIRS

Leon J. Leach
*Executive vice president and
chief business officer*

Dwain Morris
Vice president and chief financial officer

R. Dan Fontaine, J.D.
Senior vice president for business affairs

Jessica L. Quinn, J.D.
Vice president and chief compliance officer

Christopher C. Capelli, M.D.
*Vice president for technology based
ventures*

John A. Tietjen
*Vice president for managed care
operations*

William A. Daigneau
*Vice president for operations and
facilities management*

Shibu Varghese
Vice president for human resources

M. Mitchell Latinkic
*Vice president for
global business development*

Lynn H. Vogel, Ph.D.
*Vice president and
chief information officer*

Matthew A. Masek, J.D.
Vice president and chief legal officer