

# Comparative Biomedical Sciences (PhD): Immunology Concentration

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>			
CBS 565	Fundamentals of Biomedical Sciences	3	
ST 511	Statistical Methods For Researchers I	3	
or ST 517	Applied Statistical Methods I		
CBS 662	Professional Conduct in Biomedical Research	1	
CBS 800	CBS Seminar	1	
CBS 800	CBS Seminar	1	
CBS 800	CBS Seminar	1	
<b>Total Hours</b>		<b>10</b>	

## Concentration Requirements

Code	Title	Hours	Counts towards
MB/IMM 751	Immunology	3	
Select one of the following:		3	
CBS 783	Advanced Immunology		
PO/IMM 757	Comparative Immunology		
Select one of the following:		3	
BCH 553	Biochemistry of Gene Expression		
BCH 555	Proteins and Molecular Mechanisms		
BCH 705	Molecular Biology Of the Cell		
BIT 510	Core Technologies in Molecular and Cellular Biology		
CBS 770	Cell Biology		
CBS 816	Advanced Topics In Immunology <sup>1</sup>	8	
<b>Total Hours</b>		<b>17</b>	

<sup>1</sup> Other concentration seminars can be substituted

## Faculty

### Full Professors

Kenneth B. Adler  
 Glen William Almond  
 Kevin L. Anderson  
 Christopher M. Ashwell  
 Michele Batts  
 Ronald E. Baynes  
 Adam Joseph Birkenheuer  
 Anthony T. Bliklager  
 James C. Bonner  
 Russell J. Borski  
 Matthew Breen  
 Edward Bealmear Breitschwerdt  
 Ke Cheng  
 Maria T Correa  
 Paula J Cray  
 Rocio Crespo  
 Frederick J. Fuller  
 John E. Gadsby  
 Troy Ghashghaei  
 Isabel M. Gimeno  
 John R. Godwin  
 Jody L. Gookin  
 Bruce Hammerberg  
 Jan Hawkins  
 Cathrine Hoyo  
 Lee-Ann Jaykus  
 Samuel L. Jones  
 Matthew D. Koci  
 Seth William Kullman  
 Duncan X. Lascelles  
 Scott M. Laster  
 Jerry M. Law  
 Keith E. Linder

Carolyn Jane Mattingly  
Kathryn Montgome Meurs  
Paul Edward Mozdziak  
Natasha J. Olby  
Mark G. Papich  
Heather Patisaul  
Jorge A. Piedrahita  
Emilie Francesca Rissman  
Yogesh Saini  
Kaori Sakamoto  
Philip L. Sannes  
Barbara Sherry  
Robert Charles Smart  
Geoffrey W. Smith  
Joshua Stern  
Michael K. Stoskopf  
Siddhartha Thakur  
Jun Tsuji  
Hong Wang  
Jeffrey A. Yoder

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## Associate Professors

Petra Bizikova  
Luke B. Borst  
Nicolas Emile Buchler  
Jeffrey Eells  
Mary Williard Elting  
Jonathan E. Fogle  
Derek M. Foster  
Shobhan Gaddameedhi  
Michala de Linde Henriksen  
Jiwoong Her  
Paul R. Hess  
Megan E. Jacob  
Cristina Lanzas

Sara K. Lyle  
John Edward Meitzen  
Nanette M. Nascone-Yoder  
Michael Warren Nolan  
Monique Danielle Pairis-Garcia  
Xinxia Peng  
Antonio Planchart  
Marcelo Rodriguez-Puebla  
Michael Sano  
Lauren V. Schnabel  
Amit Sharma  
Michael L. Sikes  
Barrett D Slenning  
Amol Suryawanshi  
Susan T. Tonkonogy  
Gregory Wilkerson

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## Assistant Professors

Belinda Sena Akpa  
Orlando Arguello-Miranda  
Abigail Armwood  
Christa Baker  
Rosemary Bayless  
Tal Ben-Horin  
Eric Robert Brooks  
Yevgeny Brudno  
Benjamin John Callahan  
Elisa Crisci  
Glenn Paul Cruse  
Christopher Matthew Dekaney  
Lisa Gamsjaeger  
Liana M. Gonzalez  
Margaret Elizabeth Gruen  
Christopher Daniel Guilluy  
Jennifer Lauren Halleran

Yea Ji Jeong  
 Tobias Ernst Kaeser  
 Albert Jun Qi Keung  
 Manuel Kleiner  
 Raveendra Rangarao Kulkarni  
 Yen-Hao Lai  
 Caroline Laplante  
 Elizabeth Lucas  
 Jennifer Ann Luff  
 Gustavo Machado  
 Kurt Marsden  
 Neil McCarthy  
 Kelly Ann Meiklejohn  
 Kristen Michele Messenger  
 Santosh Kumar Mishra  
 Hiroyuko Mochizuki  
 Annie Oh  
 Karen Min-Jee Park  
 Kursten Veronica Pierce  
 Michael Rahe  
 Sarah Kathleen Rhea  
 Breanna Jo Sheahan  
 Mary Katherine Sheats  
 Sarah Elizabeth Shelton  
 Thiago Vilar Silva  
 Panchan Sitthicharoenchai  
 Eduardo Javier Lopez Soto  
 Casey Michelle Theriot  
 Laurianne Chantal Van Landeghem  
 Kelley Varner  
 Jose Augusto Len Yin  
 Jian Zhang

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## Practice/Research/Teaching Professors

Alix Berglund

Phuong-Uyen Cao Dinh  
 Ke Huang  
 Ricardo G. Maggi  
 Caroline McKinney  
 Thierry Jean Marie Olivry  
 Erin Frey Pearson  
 Cynthia Robveille

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## Teaching Assistant Professors

Emily Martin  
 Kristen Sullivan

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## Adjunct Faculty

Hannah Atkins  
 Jennifer Lynn Davis  
 Majid Douraki  
 Janice A. Dye  
 Johanna Rebecca Elfenbein  
 Sonika Patial  
 Holly Roessner  
 Elizabeth Caitlin Rose  
 Alexander Tran

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## Emeritus Faculty

Harold J. Barnes  
 Talmage T. Brown Jr.  
 John Michael Cullen  
 Lloyd Norman Fleisher  
 Oscar J. Fletcher Jr.  
 Sarah Y. Gardner  
 Marlene L. Hauck  
 Cynthia L. Hemenway  
 Suzanne Kennedy-Stoskopf  
 Michael Green Levy  
 David H. Ley

Nancy A. Monteiro-Riviere

William M. Morrow

Paul E. Orndorff

W. Rich Redding

Jim E. Riviere

Malcolm C. Roberts

Barbara Lynn Sherman

Clifford Richard Swanson

Donald E. Thrall