

# Functional Genomics (MR)

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Genomic Sciences Core Courses</b>		<b>12</b>	
ST 590	Special Topics (Intro Bioinformatics)		
GN 735	Functional Genomics		
GN 701	Molecular Genetics		
	or BCH 703 Macromolecular Synthesis and Regulation		
PP 810/610	Special Topics (Genomics Journal Club)		
GN 850	Professionalism and Ethics		
<b>Functional Genomics Core Courses</b>		<b>18</b>	
ST 511	Statistical Methods For Researchers I		
GN 702	Cellular and Developmental Genetics		
	or BCH 705 Molecular Biology Of the Cell		
GN 703	Population and Quantitative Genetics		
	or BCH 701 Macromolecular Structure		
Students will select an additional nine credit hours of Functional Genomics Category I Electives in conjunction with the academic committee <sup>1</sup>			
<b>Total Hours</b>		<b>30</b>	

<sup>1</sup> Functional Genomic Category I Electives cannot be chosen from ST 590, CSC 530, ST 512, ST 501, or ST 502. However, these courses can be taken as additional electives beyond the minimum 30 credit requirement.

## Faculty

### Full Professors

Kenneth B. Adler  
 Jose Miguel Alonso  
 Prema Arasu  
 Christopher M. Ashwell

David M. Bird  
 Russell J. Borski  
 Rebecca S. Boston  
 Matthew Breen  
 Edward Bealmear Breitschwerdt  
 Dennis T. Brown  
 James W. Brown  
 Ignazio Carbone  
 Margaret E. Daub  
 Gregg A. Dean  
 Ralph A. Dean  
 Ralph E. Dewey  
 Charlotte E. Farin  
 Robert Graham Franks  
 Frederick J. Fuller  
 John E. Gadsby  
 Troy Ghashghaei  
 John R. Godwin  
 Major M. Goodman  
 Amy Michele Grunden  
 Linda Kay Hanley-Bowdoin  
 Jason M. Haugh  
 James B. Holland  
 Jonathan M. Horowitz  
 Sophia Kathariou  
 Robert M. Kelly  
 Matthew D. Koci  
 Bailian Li  
 Jonathan S. Lindsey  
 Hsiao-Ching Liu  
 Steven Lommel  
 James W. Mahaffey  
 Earl S. Maxwell  
 Steven Edward McKeand  
 Melissa Schuster Merrill  
 Eric S. Miller

Paul Edward Mozdziak

David C. Muddiman

Jack Odle

Charles H. Opperman

James N. Petitte

Robert M. Petters

Jorge A. Piedrahita

Brian J. Reich

Jean B. Ristaino

Maria C. Sagui

Heike Inge Ada Sederoff

Barbara Sherry

Robert Charles Smart

William F. Thompson

Ross W. Whetten

Brian M. Wiegmann

Qiuyun Xiang

Deyu Xie

Jeffrey A. Yoder

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## Associate Professors

Nicolas E. Buchler

Michael B. Goshe

Steffen Heber

David S. Lalush

Flora Meilleur

Jonathan W. Olson

Lina Quesada

Marcelo Rodriguez-Puebla

Michael L. Sikes

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## Assistant Professors

Caitlin S. Heil

Ruben Rellan Alvarez

Benjamin John Callahan

Ilenys Muniz Perez Diaz

Manuel Kleiner

Kurt Marsden

Santosh Kumar Mishra

David Alan Rasmussen

Christina Zakas

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## Practice/Research/Teaching Professors

Patricia A Estes

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## Emeritus Faculty

Henry Van Amerson

William Reid Atchley

James W. Brown

Vincent L. C. Chiang

Steven D. Clouse

Stephanie E. Curtis

Barry Goldfarb

Cynthia L. Hemenway

Todd Robert Klaenhammer

David H. Ley

James W. Moyer

Paul E. Orndorff

Ron Ross Sederoff

Wayne Tompkins

Paul L Wollenzien

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## Adjunct Faculty

Robert R. Anholt

Trudy F. MacKay