



VICTOR DIRITA

CANDIDATE STATEMENT

It is a privilege to run for ASM Treasurer. This is an extraordinary time in our field and for our Society, with new challenges and opportunities that we must confront and adapt to, as they will impact ASM finances and thus our ability to achieve our simple, profound mission of promoting and advancing microbial science. Our venerable Society can do anything, but cannot do everything, so we must set and communicate priorities. Working with the Board, ASM membership, and our professional staff, these are major functions of Treasurer. Service as ASM Treasurer also benefits from broad and deep knowledge of the Society, which I bring through previous service as an Editor for two of our journals, Membership Board Chair, COMS Chair and COMS-elected Board Member, interim inaugural member of the IDEAA committee, and President. Further, as a department Chair my job heavily involves working with budgets and setting financial priorities.

ASM-RELATED ACTIVITIES

- ASM Council of Past Presidents, Member 2021 – 2031
- ASM Inclusive Diversity with equity, access and accountability (IDEAA) Committee, Interim Member, 2021
- Governance Committee, 2021-2025
- Nominating Committee, Chair, 2021-2022
- ASM President, 2020-2021
- Scientific Writing and Publishing Course Task Group, Member, 2018-2019
- ASM Board of Directors, 2017 - 2021
- Appointments Committee, Member, 2017-2020
- Council on Microbial Sciences (COMS), At-large Member, 2017-2020
- Microbe Program Committee, 2016-2020
- ASM Conferences Committee, Member, 2012-2016
- ASM Membership Board, Chair, 2012 – 2016
- ASM Microbe Planning Committee, Host-Microbe Biology Track Hub, Chair, 2016
- ASM Professions of Microbiology Committee, Member, 2015
- ASM Microbe meeting Steering Committee, Member, 2015

- ASM The Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) Strategic Task Force, Member 2014
- ASM Futures Project Team, Member, 2014- 2015
- ASM Meetings Strategic Planning Group, Member, 2013- 2015
- ASM President Nominating Committee, Member, 2013
- ASM Task Force on Divisions, Member, 2012
- ASM Council Policy Committee & Council, Member, 2012 – 2016
- ASM General Meeting Planning Committee, Member, 2010-2017
- American Academy of Microbiology Fellow, elected 2009
- Editor, *Journal of Bacteriology*, 2009-2019
- ASM Divisional Group II Representative, 2008
- ASM Division B, Chair, 2004 - 2005

CURRICULUM VITAE

Victor J DiRita, PhD
Rudolph Hugh Endowed Chair
Michigan State University

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East Lansing, MI 48824
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[@VictorDiRita](https://twitter.com/VictorDiRita)
<https://orcid.org/0000-0003-3617-7011>

EDUCATION

1972-1976 De La Salle Collegiate High School, Detroit, Michigan
1976-1980 Michigan State University, E. Lansing, MI
B.S., Microbiology
1980-1986 Purdue University, W. Lafayette, IN
Ph.D., Biological Sciences (Laboratory of Stanton B. Gelvin)
1986-1990 Postdoctoral Research Fellow;
Microbiology and Molecular Genetics
Harvard Medical School (Laboratory of John J. Mekalanos)

ACADEMIC APPOINTMENTS

1991-1997 Assistant Professor, Dept of Microbiology & Immunology
Assistant Professor, Unit for Laboratory Animal Medicine,
University of Michigan, Ann Arbor, MI
1997- 2002 Associate Professor, Dept of Microbiology and Immunology
Associate Professor, Unit for Laboratory Animal Medicine,
University of Michigan, Ann Arbor, MI
2002-2015 Professor, Dept of Microbiology and Immunology
Professor, Unit for Laboratory Animal Medicine, University of
Michigan, Ann Arbor, MI
2008- 2015 Assistant Dean, Graduate and Postdoctoral Studies, University of
Michigan Medical School, Ann Arbor, MI
2010-2015 Associate Dean, Graduate and Postdoctoral Studies, University of
Michigan Medical School, Ann Arbor, MI
2015 - Rudolph Hugh Endowed Chair, Department of Microbiology &
Molecular Genetics, Michigan State University, East Lansing, MI
2015 - Chair, Department of Microbiology & Molecular Genetics,
Michigan State University, East Lansing, MI

RESEARCH INTERESTS

- Genetics and molecular biology of host-microbe interactions
- Biology and pathogenicity of Gram-negative microbes
- Mechanism of action of membrane-localized transcription factors
- Mechanisms of colonization and transmission in *Enterobacter spp.*
- Chemical biological approaches to questions of host-microbe biology

GRANTS

Current:

Sponsor: NIAID 1R01 AI34731 (8/2019 - 7/2023)

Title: Fitness of gram-negative pathogens during bacteremia

Role: Co-Investigator (PI Mobley)

Sponsor: MDHHS/CDC (10/21 – 7/23)

Title: Genomic surveillance of SARS-CoV-2

Role: Principal Investigator

Sponsor: Rudolph Hugh Endowment, Michigan State University

Title: Research support for VJD

Recently Completed:

Sponsor: MSU Foundation, SPG Award

Title: Plant-inspired anti-microbial and anti-cancer agents

Role: co-PI, along with Rick Neubig and others

Sponsor: NIAID R21 AI111192

Title: Disease dynamics of campylobacteriosis in the ferret model

Role: Principal Investigator

Sponsor: NIAID R01 AI045125 Completed 2/15.

Title: Gene Regulation by ToxR, TcpP and ToxT in *V. cholerae*

Role: Principal Investigator

Sponsor: NIAID R01 AI069383 Completed 2012

Title: Colonization and Pathogenicity Determinants of *C. Jejuni*

Role: Principal Investigator

Sponsor: NIAID R21 AI099497 Completed 2014

Title: Single-molecule imaging of membrane-localized transcription complexes in bacteria

Role: Principal Investigator; continuing work to be included in developing proposal noted above for 2015

Sponsor: USDA

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Title: Identification of *Campylobacter jejuni* factors that influence chicken commensalism
Role: Mentor; this work includes significant resources to support both the trainee and his research.

Sponsor: Michigan Institute for Clinical Health Research

Title: Analyzing the role of the gut microbiota in human *Campylobacter* infection and disease
Role: Mentor; as with the USDA proposal above, this work includes significant research resources and trainee support.

HONORS AND AWARDS

1988-1990	National Research Service Award, U.S. Public Health Service
1992	Young Investigator Award, Burroughs Wellcome Fund/National Foundation for Infectious Diseases
1992-1995	Junior Faculty Research Award, American Cancer Society
1997	Presidential Initiatives Fund Award for graduate and undergraduate training in pathogenesis, University of Michigan
1999 - 2001	ASM Foundation Lecturer
2009	Elected to American Academy of Microbiology
2011	League of Research Excellence; University of Michigan Medical School
2011	Outstanding Alumnus Award; Purdue University Biological Sciences
2011	Distinguished Teaching Award; University of Michigan Endowment for the Basic Sciences
2013-2015	Member, Academy for Educational Excellence and Scholarship; University of Michigan Medical School
2015 -	Rudolph Hugh Endowed Chair
2019	President-Elect, American Society for Microbiology
2020-2021	President, American Society for Microbiology
2021-2022	Past President, American Society for Microbiology
2022	Simmons-Chivakula Award for Academic Leadership, Michigan State University

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1981-	American Society for Microbiology
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EDITORIAL POSITIONS, BOARDS, PEER-REVIEW SERVICE

Editorial Activities

1994-1999	Editorial Board, <i>Infection and Immunity</i>
1999-2009	Editor, <i>Infection and Immunity</i>
1999- 2009	Editorial Board, <i>Journal of Bacteriology</i>

2002 Co-Editor, Cell Regulation Section, *Current Opinion in Microbiology*
 2002- Member, Faculty of 1000
 2003-2005 Advisory Board, *Molecular Microbiology*
 2004 -2009 Cover Editor, *Infection and Immunity*
 2009 -2019 Editor, Journal of Bacteriology
 2010 Associate Editor, *PLoS Pathogens*
 2020 Invited Editor, *mBio*

Ad hoc reviewer

Molecular Microbiology
Science
Nature
Cell
Proc. Natl. Acad. Sci. USA
Journal of Bacteriology
Journal of Infectious Diseases
PLoS Pathogens
PLoS Genetics
mBio

Grant reviews

1991, 1992 National Science Foundation, Molecular Biology Grant, external reviewer
 1992 Thrasher Research Fund Grant, external reviewer
 1992 Univ. of Michigan, Office of V.P., Research Grant
 1991, 1993 State of Idaho Board of Education Research Grants, external reviewer
 1995 U.S. Army, Pathogen Detection Program Grant, external reviewer
 1995 Veteran's Administration Merit Review Program, external reviewer
 1995 National Institute of Allergy and Infectious Diseases, Member, Special Review Section
 1996 U.S. Department of Agriculture, external reviewer
 1996 National Institutes of Health, Bacteriology and Mycology-2 Study Section, (*ad hoc*)
 1997 Member, NIGMS Special Emphasis Panel for Biomedical Research Training (*ad hoc*)
 1998,1999 Member, USDA Review Panel, National Research Initiative, Competitive Grants Program (Sustaining Animal Health and Well-being)
 1999 - 2003 Member, NIGMS Biomedical Research and Research Training

	Review Committee
2000	Ad hoc member, MBC-1 Study Section
2001	Chair, ZRG 1 MBC-1 Study Section
2001	Ad hoc member, MBC-1 Study Section
2001 -	International Fellowship Review Committee, American Society for Microbiology
2001	ZRG 1 MBC-2 Study Section
2003	Member, DBBD F31 Study Section
2003 - 2007	Member, Bacteriology and Mycology-1 Study Section
2010	Member, Special Emphasis Panel ZRG1 F13-C (F32 Reviews)
2014	Member, Special Emphasis Panel 2014/05 ZRG1 IDM-S (R01 Reviews)
2015 - 2021	Member, Microbiology and Infectious Disease (B) NIAID

TEACHING ACTIVITIES

Students, trainees, postdoctoral fellows and mentoring

University of Michigan undergraduate students

1991 - 1993	Dena Fischer, B.S., Undergraduate Research
1991 - 1992	Edward Nazareno, B.S., Undergraduate Research
1992 - 1996	Molly Brennan, B.S., Undergraduate Research
1994 - 1996	Gretchen Champion, B.S., Honors Thesis
1996 - 1997	Laura Shepard, Honors Thesis
1996 - 1998	Brendan Hawthorn, Undergraduate Research
1997	Andreas Böck, German student, Practical Studies
1998	Nik Mendrygal, Visiting honors student mentor, University of Texas-Dallas
1999 - 2001	Michael Donovan, Undergraduate Research
2000 - 2002	David Werny, Undergraduate Research
2005 - 2006	Kyle Perry, Honors Thesis
2009 - 2010	Kevin Ginsburg, Undergraduate Research
2009 - 2012	Sam Carpentier, Undergraduate Research
2010 - 2012	Kyrie Hungerford, Undergraduate Research
2011- 2015	Drew Dunham, Undergraduate Research
2013- 2015	Caroline Yuhas, Undergraduate Research
2011 - 2012	Lindsay Holland, Undergraduate Research
2013	Valerie y Vargas Zapata, Summer Research Opportunity Student

Michigan State University undergraduate students

2015 - 2016	Morgan Fay Rice, Undergraduate Research
2015 - 2016	Marissa Fallone, Undergraduate Research
2015 -2017	Shaun Dunityak, Undergraduate Research

2016- 2018 Joe Hostnik, Undergraduate Research
 2016-2018 Ben Sims, Undergraduate Research
 2016 Lea Weiss, visiting student from Germany
 2017 Melissa Meschkewitz, visiting student from Germany
 2017 Nils Wellhausen, visiting student from Germany
 2017-2019 Alyssa Abdelnour, Undergraduate Research
 2018 Philip Kirschner, visiting student from Germany
 2018-2020 Cameron Raedy, Undergraduate Research
 2018- 2019 Sarah Broida, Professorial Assistance Program, Undergraduate Research

Graduate students

1991 - 1995 Darren E. Higgins, Ph.D., Microbiology and Immunology
 1991 - 1993 Wanda Costen-Hightower, M.P.H., Epidemiology (School of Public Health)
 1992 - 1995 Paula M. Bruss, M.S., Microbiology and Immunology
 1994 - 1999 J. Adam Crawford, Ph.D. , Microbiology and Immunology
 1995 - 1998 Stephen Cendrowski, M.P.H., Epidemiology
 1995 - 1996 Brian Hammer, B.S., M.S., School of Natural Resources (non-thesis work in my laboratory)
 1996 - 1997 Carlos A.G. Soares, visiting Ph.D. student, University of Rio de Janeiro, Brazil
 1996- 2001 Rosa R.-Y. Yu, Ph.D. candidate, Microbiology and Immunology
 1998- 2004 Nancy Beck, Ph.D. candidate, Microbiology and Immunology
 2000- 2006 Rebecca Wiesner, Ph.D. candidate, Microbiology and Immunology
 2000 – 2005 Jessica Siple, Ph.D. candidate, Microbiology and Immunology (co-advisor with David Friedman)
 2001- 2008 K.T. Young (Elliott), Microbiology and Immunology
 2006 - 2010 Lindsay M. Davis (Gielda), Microbiology and Immunology
 2007 - 2011 Aimee Richard, Microbiology and Immunology
 2008 - 2013 Rebecca Anthouard, Microbiology and Immunology
 2009 - 2015 Wei Ping Teoh, Microbiology and Immunology
 2011 - 2016 Jessica Beauchamp, Microbiology and Immunology
 2016 - 2021 Andrew Van Alst, Microbiology & Molecular Genetics
 2017 - 2022 Lucas Demey, Microbiology & Molecular Genetics
 2019 - Elizabeth Otteson, Microbiology & Molecular Genetics

Post-graduate

1992 - 1995 Maria Sandkvist, Ph.D., post-doctoral fellow, Microbiology and Immunology
 1993 - 1994 Robert Quinn, D.V.M., post-doctoral fellow, Unit for Laboratory Animal Medicine

- 1994 - 1995 Todd Jackson, D.V.M., post-doctoral fellow, Unit for Laboratory Animal Medicine
- 1997 - 2004 Eric Krukonis, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 1999 - 2002 Alita Miller, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 1999 - 2004 David R. Hendrixson, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 2000 - 2003 Vaughn Cooper, Ph.D., Michigan Society of Fellows, Department of Biology, University of Michigan (co-advisor with Julian Adams)
- 2001- 2007 George Fogg, M.D., Ph.D. Pediatric ID Fellow, Department of Pediatrics
- 2001- 2003 Tsutomu Kakuda, D.V.M, Ph.D., visiting post-doctoral fellow
- 2001-2005 Luz Blanco, Ph.D.; post-doctoral fellow, Microbiology & Immunology
- 2002- 2007 Jeffrey Withey, Ph.D. post-doctoral fellow, Microbiology and Immunology
- 2003- 2010 Jyl Matson, Ph.D. post-doctoral fellow, Microbiology and Immunology
- 2008 - 2011 Jeremy Ellermier, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 2009 - 2010 Kristie Brock, D.V.M. Unit for Laboratory Animal Medicine Fellow
- 2010 - 2015 Michael Taveirne, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 2011- 2015 Jeremiah Johnson, Ph.D., post-doctoral fellow, Microbiology and Immunology
- 2013- 2015 Justin Lenhart, Ph.D, post-doctoral fellow, Department of Chemistry
- 2016 - 2019 Natalia Martin, Ph.D., post-doctoral fellow, MMG
- 2016 - Ritam Sinha, Ph.D., post-doctoral fellow, MMG

Research Investigators

- 2010 - 2013 Jyl Matson, Department of Microbiology and Immunology (UM)
- 2015 – 2016 Jeremiah Johnson, Department of Microbiology & Molecular Genetics (MSU)

Visiting Scholars

- 1993, 1995,
- 1998- 1999 Ana Coelho, Ph.D., Federal University of Rio de Janeiro, Brazil
- 1996 - 1998 Tone Tønjum, M.D., Ph.D., Rikshospitalet, Oslo, Norway

1996, 1997, 1998 Annie Medrano, Inst. of Pub. Health, Cuernavaca, Mexico
 2001 - 2007 Luz Blanco, University of Chile, Santiago, Chile
 2007 Jian guo Zhu, Shanghai Jiaotong University
 2015 – 2018 Lea Weiß, Melissa Meschkewitz, Nils Wellhausen, Philip
 Kirschner, Visiting students from the Heinrich-Heine
 Universität Düsseldorf – MSU Exchange Program

Doctoral Thesis Committees (VJD students; students prior to 2016 are from
 University of Michigan unless noted; after 2016 students are from Mich. State)

1991 - 1993 Juan Arroyo, Microbiology and Immunology
 1991 - 1994 Chuanhai Zheng, Microbiology and Immunology
 1991 - 1995 Diane Retallack, Microbiology and Immunology
 1991 - 1995 **Darren Higgins, Microbiology and Immunology**
 1992 - 1995 Glenn Johnson, Microbiology and Immunology
 1992 - 1995 Xiahong Mao, Microbiology and Immunology
 1992 - 1996 William Hlavacek, Chemical Engineering
 1992 - 1997 Brian Janes, Cellular and Molecular Biology
 1993 Hannu Lång, Swedish Agricultural University, Uppsala, Sweden
 (Thesis opponent)
 1993 - 1995 Kirk McCrea, Epidemiology (SPH)
 1994 - 1999 **J. Adam Crawford, Microbiology and Immunology**
 1994 – 2000 Canhui Huang, Microbiology and Immunology
 1995 - 1997 Kirk Cunningham, Microbiology and Immunology
 1995 - 1998 Catherine Browning, Microbiology and Immunology
 1995 - 1999 Chih-Ching Chang, Epidemiology
 1995 - 1998 Matthew Wolfgang, Cellular and Molecular Biology
 1996 - 2000 Jeffrey Withey, Cellular and Molecular Biology
 1996 - 1998 Melody Neely, Microbiology and Immunology
 1996 - 2001 Craig Smith, Biological Chemistry
 1996 - 1999 Hae Sun Park, Microbiology and Immunology
 1996 - 2001 **Rosa Yu, Microbiology and Immunology**
 1997 - 2004 **Nancy Beck, Microbiology and Immunology**
 1997- 2003 Ian Joseph, Microbiology and Immunology
 1998 - 2001 Brian Hammer, Microbiology and Immunology
 1998 - 2001 Julie Pfeiffer, Microbiology and Immunology
 1999- 2002 Suzanne Lybarger, Biology
 1999 - 2002 Michael Bachmann, Microbiology and Immunology
 1999 - 2002 Stephen Juris, Biological Chemistry
 2000 - 2006 **Rebecca Wiesner, Microbiology and Immunology**
 2000- 2005 Jessica Siple Tyler, Microbiology and Immunology
 (co-advised with David Friedman)
 2000- 2002 Brian Hurlebus, Biological Chemistry
 2000 Caiyi Li, University of Maryland School of Medicine

2001- 2005 Clarise Rivera, Microbiology and Immunology
 2001 Sang Ho Lee, Tufts University Medical School
 2001- 2005 Brendan Thomason, Microbiology and Immunology
 2002- 2008 **K.T. Young, Microbiology and Immunology**
 2001 Angela Stark, Univ. of Florida
 2002 – 2006 Annie Hinniker, CMB/MSTP
 2003- 2006 Nate Fisher, Microbiology and Immunology
 2003- 2006 Lee Shaughnessy, Microbiology and Immunology
 2003- 2007 Helen Lau, Microbiology and Immunology
 2004- 2006 Mengxi Jiang, MCDB
 2004- 2007 Karla Cesarek Pasalacqua, Microbiology and Immunology
 2004- 2006 J.D. Sauer, Microbiology and Immunology
 2005- 2008 Andrea Radtke, Microbiology and Immunology
 2006- 2008 Paul Makidon, D.V.M., Biomedical Engineering
 2006- 2009 Neal Hammer, Microbiology and Immunology
 2006- 2009 Greta Nielubowicz, Microbiology and Immunology
 2006 - 2009 Kelsey Sivick, Microbiology and Immunology
 2006 - 2010 **Lindsay Davis, Microbiology and Immunology**
 2007- 2012 **Aimee Richard, Microbiology and Immunology**
 2007- 2010 Zachary Dalebroux, Microbiology and Immunology
 2007 - 2010 Brian Gray, Microbiology and Immunology
 2007 - 2011 Miranda Gray, Microbiology and Immunology
 2007- 2011 Andrew Bryant, Microbiology and Immunology/MSTP
 2008- 2012 Winnie Chen, CMB Program
 2008- 2010 Adrienne Edwards, Department of Microbiology, Emory University
 2008-2013 **Rebecca Anthouard, Microbiology and Immunology**
 2008-2012 M.J. Wilson, Microbiology and Immunology
 2008- 2013 Marijo Roiko, Cellular and Molecular Biology
 2008- 2011 Patrick Vigil, Microbiology and Immunology/MSTP
 2009- 2010 Katie Carr, Microbiology and Immunology
 2009- 2010 Karthik Sathiyamoorthy, Biophysics Program
 2009- 2011 Jonathan Giebel, Microbiology and Immunology
 2009- 2013 Sara Bondi Cassidy, Microbiology and Immunology
 2009- 2015 **Wei Ping Teoh, Microbiology and Immunology**
 2009- 2013 Sarah Morgan, Microbiology and Immunology
 2010- 2014 Mariam Gonzalez-Hernandez, Immunology Program
 2010- 2014 Beth Haas, Department of Chemistry
 2011- 2015 Zack Abbott, Microbiology and Immunology
 2011- 2014 Ariel Brumbaugh, Microbiology and Immunology
 2011- 2016 **Jessica Beauchamp, Microbiology and Immunology**
 2012- 2015 Kaitlin Flynn, Microbiology and Immunology
 2012- 2016 Michael Engstron, Microbiology and Immunology
 2012- 2014 Rachel Pricer, Chemical Biology

2012-2016 Chelsea Rule, Microbiology and Immunology
 2012-2016 Natalie Marcic, Microbiology and Immunology
 2013 - 2018 Courtney Luterbach, Microbiology and Immunology
 2013 -2017 Chanrith Siv, Biophysics
 2015 Nicola Acosta, University of Alberta, Edmonton, Canada
 2016 - 2019 Nicolas Fernandez, Microbiology & Molecular Genetics (MMG; MSU)
2016 - 2021 Andrew van Alst, MMG
2017 - 2022 Lucas Demey, MMG
 2018- Jonathan Kaletka
 2018-2021 Josh Lensmire, MMG
 2018-2021 John Williams, MMG
 2018-2022 Brian Hsueh, MMG
 2018-2022 Emily Greeson, MMG
2019- Elizabeth Ottosen, MMG
 2019- Rajab Curtis, Comparative Medicine and Integrative Biology
 2021 Brandon Sit, Harvard Medical School
 2022- Alex Wessel, MMG
 2022- Hunter North, MMG
 2022- Jasper Gomez
 2022- Veronica Albrecht
 2022- Kaylee Wilburn

Master's Students

2007- 2009 **Kerrie Notman VerLee (Epidemiology; Univ. of Michigan)**
 2007- 2009 **Kara Levinson (Epidemiology; Univ. of Michigan)**
 2010 - 2012 **Andrew Perault (Epidemiology; Univ. of Michigan)**
 2016 - 2021 John Lee, (MMG ; MSU)

Post-Graduate Research Advisory Committees

2003 - 2005 Doug Taylor, DVM – ULAM Resident
 2004 - 2007 Raimon Duran-Struuck, DVM – ULAM Resident
 2007- 2009 Paul Makidon, ULAM Resident/BME Ph.D. program

Faculty Mentoring

1997 – 2001 Denise Kirschner, Ph.D. – Department of Microbiology & Immunology, Univ. of Michigan
 2008 - 2010 Suzanne Dawid, M.D., Ph.D. – Department of Pediatrics & Microbiology and Immunology, Univ. of Michigan
 2019 - Jonathan Hardy, Ph.D. – Department of Microbiology & Molecular Genetics, Mich. St. Univ.

Lectures, Courses and Curriculum Development

- 1986 - 1990 Instructor, first and second year medical microbiology courses, Harvard Medical School
- 1994 Guest Lecturer, Department of Medical Microbiology, University of Wisconsin-Madison, course on microbial pathogenesis
- 1997 Visiting Professor, Department of Genetics, Federal University of Rio de Janeiro, Brazil; “Genetics of Bacterial Pathogens 8-13 December
- 1999 Faculty Member, NAS/ASM/HHMI Course on Molecular Pathogenesis, Santiago, Chile 12-17 December
- 2001 Guest Lecturer, Department of Microbiology, University of Virginia Medical School, course on microbial pathogenesis

University of Michigan

- 1992 - Course Director, Microbiology 500, “Fundamentals of Microbiology”, course for first year medical students
- 1992 - Instructor, Microbiology 500; five lectures/year
- 1992 Guest lecturer (bacterial toxins), Microbiology 508, “Microbial Pathogenesis”
- 1993 - Small group leader, Infectious Diseases course for second year medical students; 12 sessions/year
- 1992 - 1993 Instructor, Microbiology 601, “Molecular biology of prokaryotes”; five lectures/year
- 1993 - 1995 Guest Lecturer (recombinant DNA), Honors 250, “Critical Thinking and Problem Solving”
- 1993 - 1995 Participant, Multidisciplinary Conference on Vaccines, for first year medical students
- 1994 Instructor, Microbiology and Immunology 604, “Prokaryotic molecular biology”, 1st module; two lectures
- 1994 Instructor, Microbiology and Immunology 605, “Prokaryotic molecular biology”, 2nd module; four lectures
- 1994 Participant, Monthly dinner symposium, Rackham Graduate Students
- 1994 Organizer, Microbial Pathogenesis Journal Club
- 1995 - 2008 Instructor, Microbiology and Immunology 608, “Molecular Pathogenesis”
- 1996 Organizer, Comparative Medicine Research Colloquium
- 1998- Science in the Clinics - MMMP Training Program Course
- 2001 Microbiology and Immunology 505, three lectures
- 2001, 2002 Cellular Biotechnology Course, four lectures on Vaccine technology
- 2009-2014 Microbiology and Immunology 301, 25% of lectures

Michigan State University

- 2017- MMG 861 - Microbial Pathogenesis; four lectures
- 2019- CHM Simulation session; Horizontal Gene Transfer/Antibiotic Resistance; ~8 hours
- 2020- VM 575 – Digestive II; six lectures
- 2020- MMG 801 – Integrative Microbiology; two lectures
- 2021- Vet Science 1 – General Bacteriology; one lecture, two labs
- 2022- MMG 461 – Bacterial Pathogenesis

COMMITTEE AND ADMINISTRATIVE SERVICE

National/International

- 1993 Thesis opponent, Swedish Agricultural University
- 1994 Co-convenor, Seminar session B2, ASM 94th General Meeting, Las Vegas, NV “Transcriptional regulation of virulence genes in bacterial pathogens”
- 1995 Reviewer, NIAID Contract Study Section
- 1995 Planning Committee, Midwest Pathogenesis Meeting, Chicago, IL
- 1996 Co-convenor, Seminar session 226, ASM 96th General Meeting, New Orleans, LA “Environmental response regulation in pathogenic bacteria”
- 1996 Member, Advisory Panel on Cholera in Mexico, Mexico City, Mexico
- 1997 Member, Review Team for Laboratory of Enteric and Sexually Transmitted Diseases, Center for Biologics Evaluation and Research, FDA
- 1997 Chair, Planning Committee, 4th Annual Midwest Microbial Pathogenesis Conference 3-5 October, Ann Arbor
- 1998 Member, Animal Health and Well Being Program/USDA National Research Initiative Competitive Grants Panel
- 1998 Session Chair (*Regulation of Virulence*) Gordon Conference on Microbial Toxins and Pathogenesis, Proctor Academy, Andover NH, 12-17 July
- 1999 Member, Animal Health and Well Being Program/USDA National Research Initiative Competitive Grants Panel
- 1999 Nominating Committee for ASM Division B Chair-Elect Candidates
- 1999 Co-convenor, Symposium session 187 B/D, ASM 99th General Meeting, Chicago, IL. “Signal dependent control of bacterial virulence”
- 1999 Member, NIGMS Biomedical Research and Research Training Review Committee
- 2000 Ad hoc member, MBC-1 Study Section

- 2000 Outside thesis examiner for Caiyi Li, University of Maryland School of Medicine, Baltimore, MD
- 2000 - Member, Environmental Toxicology Advisory Committee, UC-Santa Cruz
- 2001 Member, External Review Team for University of Maryland, Baltimore, Graduate Program in Microbiology and Immunology
- 2001 Colloquium Organizer, ASM 101st General Meeting, Orlando, FL “Population Dynamics in Bacterial Infection”
- 2001 Outside thesis examiner for Sang Ho Lee, Ph.D. Thesis, Tufts University Medical School, Boston, MA
- 2001 Convener, Colloquium Session 266, 101st General Meeting of the American Society for Microbiology, Orlando, FL. “Population dynamics in bacterial infections”.
- 2001 - 2003 Member, International Fellowship Review Committee, American Society for Microbiology
- 2002 External thesis committee member for Angela Stark, University of Florida School of Medicine
- 2003-2004 ASM Division B (Microbial Pathogenesis) Chair-Elect
- 2001 Session Chair, Microbial Pathogenesis 2003 Phage Meetings, Madison, Wisconsin
- 2002 Chair, BM-1 Study Section February 23-24, Bethesda, MD
- 2004-2005 ASM Division B Chair
- 2004- Member, Scientific Advisory Board, Center for Microbial Pathogenesis, Michigan State University
- 2005- Scientific Working Group, National Microbial Pathogen Data Resource
- 2004 – 2007 Member, Bacterial Pathogenesis Study Section (BACP)
- 2006 Co-Convener, Symposium at ASM General Meeting, Orlando, FL. “Us vs. them: innate immunity in infectious diseases”
- 2006 Vice-Chair, Gordon Research Conference on Microbial Toxins and Pathogenicity – Proctor Academy, Andover, NH
- 2006- Advisory Committee – Washington Region Biodefense/Emerging Infectious Diseases Research Center of Excellence. Seattle, WA
- 2008 Chair, Gordon Research Conference on Microbial Toxins and Pathogenicity – Proctor Academy, Andover, NH
- 2008 - ASM Divisional Group II Representative
- 2009 Member, ASM President Nominating Committee
- 2010 Chair, External Review Committee, Department of Microbiology and Immunology Graduate Program, University of North Carolina-Chapel Hill
- 2011 Convener, Symposium at ASM General Meeting, New Orleans, LA. “How Microbes Adapt to and Shape Host Physiology and Defenses”.

- 2011 Chair, Session at Workshop on Campylobacter, Helicobacter and Related Organisms (CHRO)-2011, Vancouver, B.C.
“Campylobacter: Host response and host interaction mechanisms”
- 2012 Chair, External Review Team, Department of Biological Sciences, Purdue University
- 2012 - 2016 Member, ASM Conferences Committee
- 2012 - 2016 Chair, ASM Membership Board (reappointed 4/15)
- 2012 - 2016 Member, ASM Council Policy Committee & Council
- 2010 - 2017 Member, ASM General Meeting Planning Committee
- 2012 Member, ASM Task Force on Divisions
- 2012 Member *ex officio*, ASM Task Force on Governance
- 2013- 2015 Member, ASM Meetings Strategic Planning Group
- 2013 Member, ASM President Nominating Committee
- 2014 Member, ASM ICAAC Strategic Task Force
- 2014- 2015 Member ASM Futures Project Team
- 2014 - 2018 Chair, Steering Committee, NIAID Functional Genomics Centers
- 2015 Member, ASM Professions of Microbiology Committee
- 2015 Member, ASM Microbe meeting Steering Committee
- 2015 Convener, Symposium at ASM General Meeting, New Orleans, LA, “It’s all in the context”
- 2016 - Chair, Host-Microbe Biology Track Hub, ASM Microbe Planning Committee
- 2017- Member, External Advisory Board, Chemical Biology of Infectious Disease COBRE, University of Kansas
- 2017 Member, Review Team, Lab of Mucosal Pathogens and Cellular Immunology, Center for Biologics Evaluation & Research, FDA
- 2017 - Chair, Council of Microbial Sciences (COMS), ASM
- 2017 - Member, ASM Board of Directors
- 2019 Co-Chair, ASM Microbe Planning Committee
- 2020-2021 Chair, ASM Board of Directors
- 2021 Chair, ASM Nominating Committee
- 2021 Interim Member, ASM IDEAA Committee

University of Michigan

- 1995-1996 OVPR Research Council
- 1997 Faculty Search Committee, Oral Biology (Dental School)
- 1997- Director, Presidential Initiatives Training Program in Molecular Pathogenesis
- 2004 Member, Department of Microbiology and Immunology Chair Search Committee
- 2006 Organizing Committee, Office of Research and Graduate Studies Global Infectious Disease Symposium
- 2009 -2015 Rackham Graduate School, Dispute Resolution Board

2014 Member, Infectious Diseases Faculty Search Committee

Unit for Laboratory Animal Medicine

1992 Faculty Search Committee

1991 - Resident Admissions

1996 - 2001 Co-Associate Director, Research Training Program in Comparative Medicine

2003 - Member, ULAM Training Grant Steering Committee

2004 Member, Infectious Diseases Faculty Search Committee

University of Michigan Department of Microbiology and Immunology

1992 Colloquium Committee

1992 Medical Curriculum Committee

1992 Graduate Studies

1994 Faculty Search Committee

1995 Promotions and Appointments

1996,1998 Graduate Studies

1999-2004 Chair, Graduate Studies

1999 BL3 Core Oversight Committee

2000 Chair, Bacterial Pathogenesis Faculty Search Committee

2004 Member, Molecular Microbiology Search Committee

2006-2007 Chair, Curriculum Committee

2008-2009 Member, Microbial Ecology Cluster Search Committee

2009-2014 Member, Appointments, Promotions and Awards Committee

University of Michigan Cellular and Molecular Biology Training Program

1992 Recruiting

1993 Admissions

1993-1997 Program Committee

1997 Student Seminar Committee

1999-2002 Course Director Student Seminar

2005-2006 Faculty Review Committee

2009 - Program Committee

University of Michigan Medical School

1992-1995 Component I Committee of Course Directors

1993 Basic Science Salary Incentive Task Group

1993 Integrated Programs in Biomedical Sciences

1995,1997 Dean's Task Force on Unified Graduate Recruitment

1997-1998 Chair, Department of Microbiology and Immunology Five Year Review Committee

1999 Program in Biomedical Sciences (PIBS) Curriculum Committee

1998- 2015 Director, Molecular Mechanisms in Microbial Pathogenesis (MMMP) Training Program

- 1998-2003 Member, Advisory Committee, Pediatric Cellular and Molecular Biology Fellowship Training Program
- 2002 – 2003 Member, Biomedical Research Council
- 2000- Member, Microbiology and Immunology Chair Search Committee
- 1999, 2001 PIBS Admissions Committee
- 2003-2004 Vice-Chair, Biomedical Research Council
- 2004-2005 Chair, Biomedical Research Council
- 2004-2005 Member, Task Force on the Research Enterprise (T-FORE)
- 2005 -2012 Vice Chair, Biological Sciences Scholars Program (BSSP) Selection Committee
- 2009 - 2015 Member, PREP Advisory Committee
- 2009 - 2015 University of Michigan Medical School (UMMS) Education Deans' Council
- 2009 - 2015 Senior Advisor, Committee for Student Biomedical Research
- 2009 Chair, North Campus Research Complex (NCRC) Education Committee
- 2009 -2010 NCRC Expansion Coordination Committee
- 2009 -2010 UM Health System "True North" Strategic Planning Education Committee
- 2009 - 2014 Co-Chair, Joint Advisory Committee, Johnson & Johnson-Michigan Postdoctoral Training Program
- 2010 Dean's Committee to review the UM Center for Computational Medicine and Biology
- 2010 - 2015 UMMS Dean's Advisory Council

Michigan State University

- 2015 - Member, College of Human Medicine Executive Management Committee
- 2015 - Member, College of Natural Sciences Chairs & Directors Committee
- 2017-2018 Chair, College of Natural Science Dean Search Committee
- 2019 Co-organizer, Chemistry and Biology of Pathogens Symposium
- 2019-2020 Member, Michigan State University Provost Search Committee
- 2020- Member, Covid-19 Surveillance Subcommittee for reopening MSU
- 2021- Member, College of Veterinary Science Strategic Implementation Committee
- 2021 Member, MSU-Henry Ford Health System Research Portfolio Committee
- 2021-2022 Co-Chair, Biochemistry and Molecular Biology Chair Search Committee

EXTRAMURAL INVITED PRESENTATIONS

- 7/90 Gordon Research Conference, *Microbial Toxins and Pathogenesis*,
Plymouth, NH
- 3/91 Food and Drug Administration, Center for Biologics Evaluation and
Research, Bethesda, MD
- 5/92 Department of Microbiology, Michigan State University, East Lansing, MI
- 7/92 Virus Research Institute, Cambridge, MA
- 11/92 American Society for Microbiology, Branch Meeting, Ann Arbor, MI
- 2/93 Wellcome Trust Cholera Meeting, *Cholera Toxin and Related
Enterotoxins*, Worcestshire, England
- 3/93 American Society for Microbiology, Woods Hole Conference,
Multicellular and Interactive Behavior of Bacteria, Woods Hole, MA
- 3/93 Boston Bacterial Virulence Seminar Series, Boston, MA
- 5/93 American Society for Microbiology, 93rd General Meeting, Division H
Session: *Global regulation of bacterial virulence*, Atlanta, GA
- 11/93 Department of Immunology and Microbiology, Wayne State University
Med. School, Detroit, MI
- 12/93 US-Japan Cholera Conference, Monterey, CA
- 12/93 Swedish Agricultural University, Uppsala, Sweden
- 2/94 Department of Microbiology and Immunology, University of Miami
School of Medicine, Miami, FL
- 2/94 Department of Medical Microbiology, University of Wisconsin-Madison
- 5/94 American Society for Microbiology, 94th General Meeting, Division B
Session: *Transcriptional control of coordinate gene expression in Vibrio
cholerae*.
- 5/94 UA-UC International Conference on Infectious Diseases, Kananaskis
Village, Alberta, Canada.
- 10/94 Department of Biology, University of Toledo, Toledo, OH
- 3/95 BCMB Training Grant Spring Research Symposium, Emory University,
Atlanta, GA (Student Invited)
- 9/95 XV National Congress of Microbiology, Madrid, Spain
- 11/95 Department of Biology, Indiana University, Bloomington, IN (student
invitee)
- 12/95 Department of Microbiology, University of Washington, Seattle, WA
- 1/96 Purdue University Biochemistry Program, W. Lafayette, IN
- 4/96 Department of Microbiology, University of Maryland School of Medicine,
Baltimore, MD
- 5/96 American Society for Microbiology, General Meeting, Session :
Environmental regulation of gene expression in bacterial pathogens
- 8/96 Society for Industrial Microbiology, Annual Meeting, Session 41:
Biological Regulatory Mechanisms
- 10/96 3rd Annual Midwest Microbial Pathogenesis Meeting, Madison, WI
- 11/96 Department of Microbiology, Medical College of Ohio, Toledo, OH
- 12/96 Department of Biology, Amherst College, Amherst, MA
- 12/96 Cholera in Mexico Workshop, Mexico City, Mexico

- 1/97 Department of Microbiology and Molecular Genetics, Harvard Medical School, Boston, MA
- 9/97 Cold Spring Harbor meeting on Microbial Pathogenesis and Host Response
- 10/97 Department of Medical Microbiology, Washington University School of Medicine, St. Louis, MO (Student Invited)
- 10/97 Department of Biology, Andrews University, Berrien Springs, MI
- 12/97 Department of Genetics, Federal University of Rio de Janeiro, Brazil
- 2/98 Midwest Prokaryotic Genetics Meeting; Chicago, IL
- 2/98 Department of Microbiology, Duke University Medical Center
- 5/98 American Society for Microbiology, 98th General Meeting Symposium
Speaker *Mechanisms of Signaling Hierarchies*
- 9/98 Department of Microbiology, University of Illinois
- 9/98 Midwest Microbial Pathogenesis Meeting (**Keynote Speaker**); St. Louis, MO
- 10/98 Center for Marine Biotechnology, Baltimore, MD
- 11/98 Department of Microbiology, University of Texas Health Science Center at San Antonio
- 2/99 Department of Microbiology, University of Miami School of Medicine
- 3/99 Department of Immunology and Microbiology, Wayne State University School of Medicine
- 9/99 Eastern Pennsylvania Branch, American Society for Microbiology, Thomas Jefferson University Medical School
- 10/99 Royal Society Meeting, Participant and Speaker: The *in vivo* Behavior of Bacterial Pathogens, London, England
- 11/99 Cornell University Department of Microbiology, Ithaca, NY
- 11/99 Indiana Branch American Society for Microbiology
- 4/00 Department of Microbiology, University of Oklahoma Health Science Center, Oklahoma City, OK
- 4/00 Department of Molecular Genetics and Microbiology, Tufts University Medical School, Boston, MA
- 8/00 FASEB Meeting on Microbial Pathogenesis, Snowmass, CO
- 12/00 Department of Microbiology and Immunology, Tulane University Medical School, New Orleans, LA
- 2/01 Department of Microbiology, University of Tennessee Health Science Center, Memphis, TN
- 2/01 Arizona-Nevada Branch ASM Meeting (Keynote Speaker), Tempe, AZ
- 4/01 Indiana Branch ASM Spring Meeting (Keynote Speaker), Nashville, IN
- 4/01 University of Missouri-Kansas City, School of Biological Sciences
- 5/01 Eastern New York ASM Branch Meeting, Albany, New York
- 10/01 Department of Biology, University of California, Santa Barbara
- 10/01 XXI Congress, Brazilian Society of Microbiology, Iguacu Falls, P.R., Brazil

- 11/01 Department of Microbiology, University of Virginia Medical School, Charlottesville, VA
- 11/01 Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, TX
- 11/01 Department of Microbiology, Medical College of Ohio, Toledo, OH
- 12/01 Department of Microbiology “Bad Bug Club”, Michigan State University, East Lansing, MI
- 2/02 Department of Microbiology and Immunology, Medical College of Wisconsin, Milwaukee, WI
- 4/02 Department of Microbiology, N.C. State School of Veterinary Medicine
- 4/02 Department of Molecular Genetics and Microbiology, University of Florida School of Medicine, Gainesville, FL
- 5/02 American Society for Microbiology, 102nd General Meeting, Salt Lake City, Utah. Session on “Regulation of Virulence Gene Expression”.
- 7/02 Gordon Conference on Microbial Toxins and Pathogenesis. Proctor Academy, Andover, New Hampshire.
- 12/02 Department of Microbiology and Immunology, U. Texas Medical Branch, Galveston, TX
- 12/02 XXV Chilean Congress on Microbiology, Punta de Talca, Chile
- 4/03 Department of Microbiology and Immunology, Bradley School of Medicine, Eastern Carolina University, Greenville, NC
- 10/03 38th US-Japan Cholera and Related Enteric Infections Meeting, Bethesda, MD
- 10/03 Federation of Korean Societies of Microbiology Annual Meeting, Seoul, South Korea
- 5/04 American Society for Microbiology, 104th General Meeting, New Orleans, LA, Session on ““Environmental sensing in host-microbe interactions”
- 6/04 Department of Microbiology and Immunology, LSU-Shreveport, Shreveport, LA
- 10/04 Department of Microbiology, University of North Carolina, Chapel Hill, NC
- 11/04 Department of Microbiology, University of Washington, Seattle
- 12/04 Department of Microbiology, University of Pennsylvania, Philadelphia
- 1/05 Department of Biology, Eastern Michigan University, Ypsilanti, MI
- 4/05 Department of Veterinary and Biomedical Sciences, Univ. of Minnesota, St. Paul, MN
- 5/05 Microbial Pathogenesis Training Program, Univ. of Wisconsin, Madison, WI
- 6/05 Cold Spring Harbor Laboratories, Advanced Bacterial Genetics Course Speaker
- 9/05 Department of Microbiology, University of Georgia, Athens, GA
- 10/05 Department of Microbiology and Immunology, Medical College of Virginia-Virginia Commonwealth University, Richmond, VA
- 1/06 Department of Microbiology, UT-Southwestern, Dallas TX

- 3/06 Department of Microbial and Molecular Pathogenesis, Texas A&M, College Station, TX
- 5/06 Department of Microbiology and Molecular Genetics, Harvard Medical School, Boston, MA
- 6/06 Neil Welker Memorial Lecture – 50th Annual Wind River Conference on Prokaryotic Biology, Estes Park, CO
- 9/06 Department of Microbiology and Immunology, University of Pennsylvania, Philadelphia, PA
- 10/06 Department of Biology, University of Alberta, Edmonton, Alberta, Canada
- 10/06 Department of Microbiology, University of Chicago, Chicago, IL
- 11/06 Plenary Speaker, “Infection, Immunity, and Vaccine” Symposium; Center for Vaccine Research and Development. Gwangju, S. Korea
- 1/07 Department of Microbiology and Immunology, University of Louisville, Louisville, KY
- 3/07 Marsha Betley Memorial Lecture, Department of Bacteriology, University of Wisconsin-Madison, Madison, WI
- 3/07 Department of Microbiology, University of Iowa, Iowa City, IA
- 4/07 Department of Microbiology, Columbia University, New York, NY
- 6/07 Department of Molecular Biology and Microbiology, Tufts Medical School, Boston, MA
- 6/07 Cold Spring Harbor Laboratory – Advanced Bacterial Genetics Course, Cold Spring Harbor, NY
- 7/07 FASEB Microbial Pathogenesis Meeting, Snowmass, CO
- 9/07 Cold Spring Harbor Meeting on Microbial Pathogenesis, Cold Spring Harbor, NY
- 1/08 University of Chicago Department of Microbiology
- 1/08 Argonne National Lab
- 1/08 University of Illinois Department of Microbiology
- 5/08 Microbiology Society of Korea, (Annual Meeting Plenary Speaker) Seoul, South Korea
- 9/08 Carleen Collins Symposium on Bacterial Pathogenesis, University of Washington, Seattle, WA
- 9/08 Department of Immunology and Microbiology, Wayne State University, Detroit, MI
- 10/08 Center for Microbial Pathogenesis, Nationwide Children’s Hospital, Columbus, OH
- 1/09 Burnham Institute for Medical Research, La Jolla, CA
- 7/09 3rd Meeting of European Microbiologists, Goteborg, Sweden
- 9/09 Campylobacter, Helicobacter and Related Organisms 2009 Meeting, Niigata, Japan
- 9/09 Department of Molecular Microbiology and Immunology, Brown University, Providence RI
- 1/10 Department of Microbiology and Immunology, Loyola University Chicago Stritch School of Medicine, Maywood, IL

- 2/10 Department of Microbiology and Immunology, Northwestern University
Feinberg School of Medicine, Chicago, IL
- 3/10 MARC program, University of Arizona
- 9/10 South Texas Center for Emerging Infectious Diseases, University of
Texas-San Antonio
- 10/10 SACNAS Meeting, Anaheim, CA
- 10/10 Department of Microbiology, University of Tennessee
- 11/10 Annual Biomedical Research Conference for Minority Students
(ABRCMS) Meeting, Charlotte, NC
- 12/10 Department of Microbiology and Immunology, University of Toledo
- 03/11 Melvin Hare Memorial Lecturer, Department of Microbiology and
Immunology, University of Rochester, Rochester, NY
- 06/11 Cold Spring Harbor Laboratory – Advanced Bacterial Genetics Course,
Cold Spring Harbor, NY
- 06/12 American Society for Microbiology, Division B Lecturer. San Francisco,
CA
- 10/12 Department of Microbiology and Immunology, University of British
Columbia, Vancouver, Canada
- 11/12 Department of Molecular Genetics, University of Toronto, Canada
- 01/13 Robert Kadner Lecture, Mid-Atlantic Microbial Pathogenesis Meeting,
Wintergreen Resort, VA
- 02/13 Mark Wilson Conference Invited Speaker, San Juan, Puerto Rico
- 07/13 3M Company, St. Paul, MN
- 10/13 Cellular and Molecular Biology Program, Arizona State University,
Tempe, AZ
- 11/13 ABRCMS Meeting, Nashville, TN
- 11/13 Plenary Speaker, Platinum Jubilee meeting of Association of
Microbiologists in India, Rohtak, India
- 11/13 Workshop Facilitator, "The Art of Scientific Communication",
Association of Microbiologists in India, Rohtak India
- 01/14 Participant – Ernst Strüngmann Forum: Metals in Infectious Diseases.
Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany
- 03/14 Department of Microbiology and Molecular Genetics, Michigan State
University, E. Lansing, MI
- 03/14 Department of Microbiology and Immunology, Montana State University,
Bozeman, MT
- 10/14 University of Arizona, Cellular & Molecular Biology Program, Tucson,
AZ
- 11/14 ABRCMS Meeting, San Antonio, TX
- 02/15 Dartmouth Medical School Microbial Pathogenesis Retreat, Lake Morey
Inn, VT
- 02/15 Department of Microbiology, University of Iowa, Iowa City, IA
- 03/15 Department of Microbiology, University of Illinois, Urbana-Champaign,
IL

06/15 Top Gear for Science Conference, Oslo, Norway
 11/15 ABRCMS Meeting, Seattle, WA
 01/16 Department of Microbiology, The Ohio State University, Columbus, OH
 03/16 Department of Microbiology, Immunology and Cancer Biology,
 University of Virginia, Charlottesville, VA
 04/16 Molecular Virology and Microbiology Graduate Program Retreat,
 University of Pittsburgh
 04/16 Jayhawk ASM Student Chapter
 04/16 Akagi Lecture - Department of Cellular and Molecular Biology, Kansas
 University
 09/16 Department of Biochemistry and Molecular Biology, Michigan State
 University
 09/16 Department of Microbiology and Immunology, Geisel School of
 Medicine, Dartmouth College, Hanover, New Hampshire
 10/16 Department of Pharmacology, Harbin University, Harbin, China
 11/16 ABRCMS Meeting, Tampa, FL
 12/16 Bill and Melinda Gates Foundation, Seattle, WA
 04/17 Department of Veterinary Microbiology, North Carolina State University,
 Raleigh, NC
 10/18 Virginia Tech Life Science Seminar Series (Invited by Students),
 Blacksburg, VA
 11/18 ABRCMS Meeting, Indianapolis, IN
 04/19 Department of Biochemistry, Microbiology, and Immunology, Wayne
 State University Medical School, Detroit, MI (Invited by Postdocs)
 05/19 Chemistry and Biology of Pathogens Symposium, MSU MMG-Chemistry
 09/19 Argentina Society for Microbiology (SAMIGE); Invited Speaker
 10/19 Microbial Infection and Immunity Retreat, Ohio State University
 10/19 Department of Microbiology & Immunology, Northwestern University
 Feinberg School of Medicine
 11/19 ABRCMS Meeting, Anaheim, CA
 03/20 Northern California ASM Branch Speaker (cancelled due to pandemic)
 10/20 Maryland ASM Branch Fall Speaker
 10/21 Carleen Collins Lecture, University of Washington, Seattle
 4/22 Department of Microbiology, Harvard Medical School, Boston, MA

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Peer-Reviewed Publications

1. Gelvin, S.B., Karcher, S.J., and **DiRita, V.J.** (1983). Methylation of T-DNA in *Agrobacterium tumefaciens* and in several crown gall tumors. *Nucleic Acids Res.* *11*:159-174
2. Karcher, S.J., **DiRita, V.J.**, and Gelvin, S.B. (1984). Transcript analysis of TR-DNA in octopine-type crown gall tumors. *Mol. Gen. Genet.* *194*:159-165

3. Komro, C.T., **DiRita, V.J.**, Gelvin, S.B., and Kemp, J.D. (1985). Site-specific mutagenesis in the TR-DNA region of octopine-type Ti plasmids. *Plant Mol. Biol.* 4:253-263
4. **DiRita, V.J.**, and Gelvin, S.B. (1987). Deletion analysis of the mannopine synthase gene promoter in sunflower crown gall tumors and *Agrobacterium tumefaciens*. *Mol. Gen. Genet.* 207:233-241
5. Miller, V.M., **DiRita, V.J.**, and Mekalanos, J.J. (1989). Identification of *toxS*, a regulatory gene whose product enhances ToxR-mediated activation of the cholera toxin promoter. *J. Bacteriol.* 171:1288-1293
6. Goldberg, M.V., **DiRita, V.J.**, and Calderwood, S.B. (1990). Identification of an iron-regulated virulence determinant in *Vibrio cholerae*, using *TnphoA* mutagenesis. *Infect. Immun.* 58:55-60
7. Pearson, G.D., **DiRita, V.J.**, Boyko, S.A., Calderwood, S.B, and Mekalanos, J.J. (1990). New attenuated derivatives of *Vibrio cholerae*. *Res. Microbiol.* 141:893-899
8. **DiRita, V.J.**, and Mekalanos, J.J. (1991). Periplasmic interaction between two membrane regulatory proteins, ToxR and ToxS, results in signal transduction and transcriptional activation. *Cell* 64: 29-37
9. **DiRita, V.J.**, Parsot, C., Jander, G., and Mekalanos, J.J. (1991). Regulatory cascade controls virulence in *Vibrio cholerae*. *Proc. Natl. Acad. Sci USA* 88:5403-5407
10. **DiRita, V.J.** (1992). Coordinate expression of virulence genes by ToxR in *Vibrio cholerae*. *Mol. Microbiol.* 6:451-458.
11. Ottemann, K.M., **DiRita, V.J.**, and Mekalanos, J.J. (1992) ToxR proteins with substitutions in residues conserved with OmpR fail to activate transcription from the cholera toxin promoter. *J. Bacteriol.* 174:6807-6814.
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13. Moos W.H., **DiRita V.J.**, Oxender D.L. (1993) Pharmaceutical applications of biotechnology: promise and reality. *Curr. Opin. Biotechnol.* 4:711-3
14. Higgins, D.E., and **DiRita, V.J.** (1994) Transcriptional control of *toxT*, a regulatory gene in the ToxR regulon of *Vibrio cholerae*. *Mol. Microbiol* 14:17-29.
15. Sandkvist, M, Bagdasarian, M. Howard, P.S., and **DiRita, V.J.** (1995) Interaction between the autokinase EpsE and EpsL in the cytoplasmic membrane is required for extracellular secretion in *Vibrio cholerae* *EMBO J.* 14:1664-1673
16. Higgins, D.E., and **DiRita, V.J.** (1996) Genetic analysis of the interaction between *Vibrio cholerae* transcription activator ToxR and *toxT* promoter DNA. *J. Bacteriol* 178: 1080-1087.
17. **DiRita, V.J.**, Neely, M., Taylor, R.K., and Bruss, P.M. (1996) Differential expression of the ToxR regulon in classical and El Tor biotypes of *Vibrio*

- cholerae* is due to biotype specific control over *toxT* expression. *Proc. Natl. Acad. Sci. USA* 93: 7991-7995
18. Sperandio, V., Bailey, C., Girón, J.A., **DiRita, V.J.**, Silveira, W.D., and Kaper, J.B. (1996) Cloning and characterization of the OmpU outer membrane protein of *Vibrio cholerae*. *Infect. Immun* 64:5406-5409
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 20. Carroll, P.A., Tashima, K.T., Rogers, M.B., **DiRita, V.J.** and Calderwood, S.B. (1997) Phase variation in *tcpH* modulates expression of the ToxR regulon in *Vibrio cholerae*. *Mol. Microbiol.* 25:1099-1111
 21. Sandkvist, M., Overbye-Michel, L., Hough, L.P., Morales, V., Bagdasarian, M., Koomey, M., **DiRita, V. J.** and Bagdasarian, M. (1997) General secretion pathway genes, *eps*, required for toxin secretion and outer membrane biogenesis in *Vibrio cholerae* . *J. Bacteriol.* 179:6994-7003
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