IUPUI CURRICULUM VITAE FORMAT FOR PROMOTION AND TENURE DOSSIERS

NAME:	Arrizabalaga	Gustavo	
	Last	First	
EDUCATION POSTDOC Institution Stanford U	TORAL	Degree	Date Awarded 2004
	setts Institute of Technology	Degree Ph.D., Biology	Date Awarded 7/1999
UNDERGR Institution Haverford (Degree B.S., Biochemistry	Date Awarded 5/1992
APPOINTM ACADEMIC Institution		Rank/Title	Inclusive Dates
University of Moscow, ID	f Idaho	Assistant Professor Department of Microbiology, Molecular Biology and Biochemistry	2004-2009
University of	f Idaho and Washington State University	Assistant Professor WWAMI Medical Education Program	2004-2009
University of Moscow, ID	f Idaho	Associate Professor Department of Microbiology, Molecular Biology and Biochemistry	2009-2012
University of	f Idaho and Washington State University	Associate Professor WWAMI Medical Education Program	2009-2012
University of Moscow, ID	f Idaho	Director, Microbiology, Molecular Biology and Biochemistry Graduate Studies Program	2011-2012
*Indiana Uni Indianapolis	iversity School of Medicine , IN	Associate Professor Department of Pharmacology and Toxicology	2012-present
*Indiana Uni Indianapolis	iversity School of Medicine , IN	Associate Professor Department of Microbiology and Immunology Toxicology	2012-present

PROFESSIONAL ORGANIZATION MEMBERSHIPS:		
Organization	Inclusive Dates	
American Association for the Advancement of Science (A	2004-present	
American Society for Microbiology (ASM)		2004-present
American Society for Biochemistry and Molecular Biology	(ASBMB)	2012-present
American Society of Tropical Medicine and Hygiene (AST	MH)	2015-present
American Society of Cell Biology (ASCB)		2004-2015
Chair Elect, American Society for Microbiology (ASM) Division AA/Parasitic Protists		2012-2013
Member, American Society for Microbiology General Prog	ram Committee	2013
Member, American Society for Microbiology General Program Committee		2013
*Chair, American Society for Microbiology (ASM) Division AA/Parasitic Protists		2013-2014
PROFESSIONAL HONORS AND AWARDS: TEACHING		
Award Name	Granted By	Date Awarded
R.M. Wade Teaching Excellence Award Nominee	College of Agriculture and Life Sciences University of Idaho	2008
R.M. Wade Teaching Excellence Award Nominee	College of Agriculture and Life Sciences University of Idaho	2009
R.M. Wade Teaching Excellence Award Nominee	College of Agriculture and Life Sciences University of Idaho	2010
Excellence in Teaching Award WWAMI medical program	University of Idaho	2011
Excellence in Teaching Award WWAMI medical program	University of Idaho	2012
RESEARCH Award Name	Granted By	Date Awarded
Howard Hughes Research Scholar	Haverford College Haverford, PA	1990-1992
Pre-doctoral Fellow	NIH-NIGMS	1994-1998
Training Grant Molecular Basis of Host Parasite Interactions	NIH	1999-2000
Post-doctoral Fellow	NIH NRSA	2000-2002
Research Supplements for Underrepresented Minorities	NIH	2002-2004
Carl Storm Fellowship	Gordon Research Conferences	2006

SERVICE Award Name	•		Granted	Ву	Date Awarded
Commitment	t to Diversity Faculty Award		WWAMI Universit Moscow,	y of Idaho ID	2011
OVERALL/C			Onented	D	Data Assaudad
Award Name			Granted	•	Date Awarded
Jose Padín S	Scholar		Haverfor	d College d, PA	1988-1992
Scholarship	Improvement Prize		Haverfor Haverfor	d College d, PA	1992
Honors, Che	mistry Department		Haverfor Haverfor	d College d, PA	1992
Microbiology	n October issue of The Minori Mentor Newsletter of the crobiology Society	ty	Americar Society	n Microbiology	2011
TEACHING:					
UNDERGRA	NDUATE Short Title	Format	t Role	Term	Contact Hours
MMBB 487	Eukaryotic molecular genetics	Lecture	e Lecturer	Fall 2004	3
MMBB 463	Molecular Parasitology	Lecture	e Lecturer	Spring 2006	45
			Course Developer		
MMBB 463	Molecular Parasitology	Lecture	e Lecturer	Spring 2007	45
MMBB 463	Molecular Parasitology	Lecture	e Lecturer	Spring 2008	45
MMBB 463	Molecular Parasitology	Lecture	e Lecturer	Spring 2009	45
MMBB 463	Molecular Parasitology	Lecture	e Lecturer	Spring 2010	45
GRADUATE Course #	Short Title	Format	Role	Term	Contact Hours
MMBB 541	Biochemistry	Lecture	Lecturer	Fall 2004	2
MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecturer	Spring 2005	6
MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecturer	Spring 2006	6
MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecturer	Spring 2007	6
MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecturer	Spring 2008	6

	MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecture	er Sp	ring 2009	6
	MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecture	er Sp	ring 2010	6
	MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecture	er Sp	ring 2011	6
	MMBB 589	Adv. Top. Microbiology, Mol. Biology, Biochemistry	Lecture	Lecture	er Sp	ring 2012	6
*	J829	Current Topics in Microorganisms	Lecture	Lecture	er Fal	l 2012	3
*	G745	Intracellular Signal Transduction	Lecture	Lecture	er Sp	ring 2014	5
*	J829	Current Topics in Microorganisms	Lecture	Lecture	er Fal	l 2014	3
*	G717	Cellular Basis of System Biology	Lecture	Lecture	er Fal	l 2014	1
*	G745	Intracellular Signal Transduction	Lecture	Lecture	er Sp	ring 2015	7
*	G717	Cellular Basis of System Biology	Lecture	Lecture	er Fal	l 2015	1
*	G745	Intracellular Signal Transduction	Lecture	Lecture	er Sp	ring 2016	7
	POSTGRADU Course #	JATE Short Title		Forma	t Role	Term	Contact Hours
	Med 512	Medical Cell Physiology		Lecture	Lecturer	Fall 2004	20
	Med 534	Medical Microbiology		Lecture	Lecturer	Spring 2005	2
	Med 512	Medical Cell Physiology		Lecture	Lecturer	Fall 2005	20
	Med 534	Medical Microbiology		Lecture	Lecturer	Spring 2006	2
	Med 512	Medical Cell Physiology		Lecture	Lecturer	Fall 2007	20
	Med 512	Medical Cell Physiology		Lecture	Lecturer	Fall 2008	20
	WWAMI	Medical Cell Physiology University of Alaska		Lecture	Lecturer	Fall 2008	6
	Med 512	Medical Cell Physiology		Lecture	Lecturer	Fall 2009	20
	WWAMI			1 1	14	Fall 2009	9
	V V V / ~ (VII	Medical Cell Physiology University of Alaska		Lecture	Lecturer	1 all 2009	· ·
	Med 512			Lecture	Course Director	Fall 2010	20
		University of Alaska			Course		
	Med 512	University of Alaska Medical Cell Physiology		Lecture	Course Director	Fall 2010	20
	Med 512 Med 534	University of Alaska Medical Cell Physiology Medical Microbiology		Lecture Lecture	Course Director Lecturer Course	Fall 2010 Spring 2011	20 12
*	Med 512 Med 534 Med 512	University of Alaska Medical Cell Physiology Medical Microbiology Medical Cell Physiology		Lecture Lecture Lecture	Course Director Lecturer Course Director	Fall 2010 Spring 2011 Fall 2011	20 12 20

		Parasitology Block						
*	J602	Medical Microbiology Parasitology Block		Lecture	Lecturer	Spring 2	2014	4
*	J602	Medical Microbiology Parasitology Block		Lecture	Lecturer	Spring 2	015	4
*	K818	Principles in Medical Pharmacology Cardia	ıc Block	Lecture	Lecturer	Fall 201	5	4
*	F604	Medical Pharmacology Block	/ Cardiac	Lecture	Lecturer	Spring 2	2016	6
	MENTODING	1011 0011001						
	MENTORING: H Individual	IGH SCHOOL	Role				Inclusive Da	ates
	Ester Garcia UDOC High Sch	nool Mentoring Program	Laboratory l	Research	Mentor		Summer 20	05
	*Sebastian Arriz	zabalaga	Laboratory	Research	Mentor		Summer 20	13
	MENTORING: U Individual	NDERGRADUATE	Role				Inclusive Da	ates
	Ariela Karasov Stanford Univer	sity Undergraduate	Laboratory	Research	Mentor		2003-2004	
	Ester Garcia UDOC High Sch	nool Mentoring Program	Laboratory l	Research	Mentor		Summer 20	05
	Kathy Morris University of Ida	iho Undergraduate	Laboratory	Research	Mentor		2005-2007	
	Erin Garrison University of Ida	iho Undergraduate	Laboratory	Research	Mentor		2005-2006	
	Patrick Matthew University of Ida	rs iho Undergraduate	Laboratory	Research	Mentor		2005-2006	
	Anna Pawlik Maria Curie-Sklo Poland Underg	odowska University graduate	Laboratory	Research	Mentor		Summer 20	05
	Anna Wasiel Maria Curie-Sklo Poland Underg	odowska University graduate	Laboratory	Research	Mentor		Summer 20	06
	Kathryn Margilia University of Ida	aux iho Undergraduate	Laboratory	Research	Mentor		2007-prese	nt
	Maria Francia University of Ida	iho Undergraduate	Laboratory	Research	Mentor		2007-2008	
	Sarah Wicher University of Ida	iho Undergraduate	Laboratory	Research	Mentor		2008-2012	
	Leslie Taylor University of Ida	iho Undergraduate	Laboratory	Research	Mentor		2009-2010	
	Danielle Greene University of Ida	e iho Undergraduate	Laboratory	Research	Mentor		2009	
	Lauren Jacobso University of Ida	n iho Undergraduate	Laboratory	Research	Mentor		2009	

	Christie Hammons University of Idaho Undergraduate	Laboratory Research Mentor	2009
	Alexa Wicher University of Idaho Undergraduate	Laboratory Research Mentor	2010
	Erin Harris South Idaho College INBRE Summer Fellowship	Laboratory Research Mentor	2010
	Karolina Oszust Maria Curie-Sklodowska University Poland Undergraduate	Laboratory Research Mentor	Summer 2010
	Monica Kerr University of Northern Colorado	Laboratory Research Mentor	Summer 2010
	Emma Ehret University of Idaho Undergraduate	Laboratory Research Mentor	2011
	Heidi Butz University of Idaho Undergraduate	Laboratory Research Mentor	2011-2012
	Lygia Pereira University of Idaho Undergraduate	Laboratory Research Mentor	2012
	*Hannah Alveal IUPUI Undergraduate	Laboratory Research Mentor	2014-present
	*Brielle Warnock IUPUI Undergraduate LHSI program	Laboratory Research Mentor	2015-present
	MENTORING: VISITING SCHOLARS Individual	Role	Inclusive Dates
		Role Laboratory Research Mentor	Inclusive Dates Summer 2010
N	Individual Veronica Coceres Visiting Graduate Student Instituto Tecnológico de Chascomús		
N	Individual Veronica Coceres Visiting Graduate Student Instituto Tecnológico de Chascomús (IIB-INTECH) CONICET Argentina MENTORING: MEDICAL STUDENTS	Laboratory Research Mentor	Summer 2010
N	Individual Veronica Coceres Visiting Graduate Student Instituto Tecnológico de Chascomús (IIB-INTECH) CONICET Argentina MENTORING: MEDICAL STUDENTS Individual Shannon Lee University of Washington	Laboratory Research Mentor Role	Summer 2010 Inclusive Dates
N	Individual Veronica Coceres Visiting Graduate Student Instituto Tecnológico de Chascomús (IIB-INTECH) CONICET Argentina MENTORING: MEDICAL STUDENTS Individual Shannon Lee University of Washington School of Medicine *Vanessa Gallien Indiana University	Role Laboratory Research Mentor	Summer 2010 Inclusive Dates Summer 2011
N	Individual Veronica Coceres Visiting Graduate Student Instituto Tecnológico de Chascomús (IIB-INTECH) CONICET Argentina MENTORING: MEDICAL STUDENTS Individual Shannon Lee University of Washington School of Medicine *Vanessa Gallien Indiana University School of Medicine *Mohamad Saltagi SRPinAM program Indiana University	Role Laboratory Research Mentor Laboratory Research Mentor Laboratory Research Mentor Laboratory Research Mentor	Summer 2010 Inclusive Dates Summer 2011 Summer 2014

	Program		
*	Nicole Shepherd G718	IBMG Research Rotation Mentor	Fall 2012
*	Joseph Varberg G718	IBMG Research Rotation Mentor	Spring 2013
*	Kaice LaFavers G718	IBMG Research Rotation Mentor	Spring 2013
*	Stephanie Brandt G718	IBMG Research Rotation Mentor	Spring 2013
*	Kimberly Burgess G718	IBMG Research Rotation Mentor	Spring 2013
*	Darrelle Colinot G718	IBMG Research Rotation Mentor	Spring 2014
*	Jamel Dobbs G718	IBMG Research Rotation Mentor	Fall 1015
*	Omar El Jordi G718	IBMG Research Rotation Mentor	Spring 2016
	ENTORING: PhD or MS Thesis Ac		
Ind	dividual	Role	Inclusive Dates
	Ingrid Fruth, Ph.D.	Research Mentor	2004-2008
	Maria Francia, M.S.	Research Mentor	2008-2010
	Jayme Hass, PhD	Research Mentor	2008-2012
	Erin Garrison, M.S.	Research Mentor	2009-2010
	Omayra Rivera, M.S.	Research Mentor	2009-2012
	Zahra Amiri, M.S.	Research Mentor	2010-2012
*	Joseph Varberg, PhD Student Funded:	Research Mentor	2013-present
	Pharma Foundation Fellowship		
*	Kaice LaFavers, PhD Student Funded by:	Research Mentor	2013-present
	Host and Microbe NIH Training Grant (2013-2015)		
	American Heart Association Fellowship (2016-2018)		

MENTORING: Dissertation Committees

Individual	Role	Inclusive Dates
Wioleta Pyrzak, PhD		2006-2010
Justin Spinner, PhD		2006-2011
Kamilla Czornak, M.S.		2006-2007
Adili Abulaiti, M.S.		2007-2008
Joanna Piotrowska, PhD		2008-2011
Slawomir Dziedzic, PhD		2008-2011
Mandy Kuan, PhD		2009-2012
Thea Lu, PhD		2009-2012
Abbey Zuehlke, PhD		2009-2012
Jiachen Wang, M.S.		2012-2013

* Sherri Huang, PhD Candidate
 * Leah Padgett, PhD Candidate
 * Ana Justis, PhD Candidate (Microbiology & Immunology)

MENTORING: Evaluation of Pharmacology and Toxicology Student Seminars

- *Rania Sulaiman, 2013
- *Jessica Pellman, 2013
- *Cindy Barbosa-Nuñez, 2013
- *David McIlwain, 2014
- *Kim Burguess, 2015

MENTORING: Graduate Student Qualifying Examination Committees

- *Rania Sulaiman, 2013
- *James Hamilton, 2014
- *Sherri Huang, 2014
- *Darrelle Colinot, 2015

MENTORING: Postdoctoral Fellows

Mark Lavine, PhD, 2005-2012

- *Raj Gaji, PhD, DVM 2012-present
- *Robert Charvat, PhD, 2013-present | Funded by American Heart Association Post-doctoral fellowship
- *Chunlin Yang, PhD, 2015-present

GRANTS/FELLOWSHIPS IN TEACHING:

COMPLETED TEACHING GRANTS/FELLOWSHIPS

Title Granting Agency Role Amount Dates

*Visualization of Idaho School Board of Co-Investigator \$80,000 7/1/2009-6/30/2010

Biomedical Topics Education | Idaho

Technology Incentive Grant Program

RESEARCH/CREATIVE ACTIVITY:

GRANTS/FELLOWSHIPS IN RESEARCH:

ACTIVE RESEARCH G	RANTS/FELLOWSHI Granting Agency	PS Role	% Effort	Amount	Dates
Dissecting the role of Toxoplasma CDPK3 in parasite propagation and virulence	NIH – R21	Principle Investigator	10	\$275,000	2/2/2015-1/31/2017
Calcium signaling in the Toxoplasma parasitophorous vacuole	NIH – R21	Principle Investigator	10	\$275,000	5/1/2015-4/30/2017

COMPLETED RESEARC	CH GRANTS/FELLO	WSHIPS Role	% Effort	Amount	Dates
Toxoplasma gondii egress	NIH K22 Al061293	Principle Investigator	30	\$250,000	9/1/2004-8/30/2007
Invasion and egress by the obligate intracellular parasite Toxoplasma gondii	USDA/CSREES HATCH	Principle Investigator	5	\$80,000	6/1/2004-5/30/02005
Monensin Resistance in the model coccidian <i>Toxoplasma gondii</i>	University of Idaho Research Office Seed grant	Principle Investigator	5	\$10,000	6/1/2004-5/30/2005
Developmental Biology in Toxoplasma gondii	NIH INBRE Pilot Project Grant	Project Investigator	10	\$90,000	6/1/2005-5/30/2007
Identification of genes involved in host cell exit in the opportunistic pathogen Toxoplasma gondii	University of Idaho COBRE Core Facility Grant	Principal Investigator	N/A	\$20,000 (for genome sequencing core use)	2011
Nanomaterials for basic and applied cell biology	University of Idaho Blue Ribbon Committee Research Awards	Co- Investigator	10	\$100,000	7/01/07-6/30/2011
Potassium sensing by the obligate intracellular parasite Toxoplasma gondii	NIH P20 RR15587	Project Leader	25	\$800,000	9/15/2005-5/31/2012
Characterization of calcium signaling proteins in Toxoplasma gondii	NIH RO1 AI 89808-01	Principle Investigator	25	\$900,000	7/1/2010-6/30/2014
*Dissecting the role of a unique kinase in the propagation and virulence of the cardiac pathogen Toxoplasma gondii	American Heart Association 3GRNT1604000	Principle Investigator	20	\$100,000	7/1/2013-6/30/2015
*Characterization of calcium signaling proteins in Toxoplasma gondii	NIH RO3 AI 101624	Principle Investigator	10	\$100,000	7/1/2012-6/30/2014
PENDING RESEARCH O	GRANTS AND FELLO Granting Agency	OWSHIPS Role	Score	Amount	Dates
*Elucidating new and old roles for autophagy-like genes in <i>Toxoplasma gondii</i>	NIH R01	Co-Principle Investigator		\$250,000	7/1/2016-6/30/2018

*Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	NIH R01	Co-Principle Investigator	13 percentile	\$2,000,000	0 4/1/2016-3/30/2021
SUBMITTED BUT NOT	FUNDED RESEARGE	CH GRANTS/FEL Role	LOWSHIPS Score	Amount	Dates
*Dissecting the role of Toxoplasma gondii CDPK3 during parasite propagation and virulence	CTSI - Pilot Funding for use of Core Facilities		Approved, Not Funded		2012
*Dissecting the role of Toxoplasma gondii CDPK3 during parasite propagation and virulence	NIH – R21	Principle Investigator	34 (Impact Score)	\$250,000	2012
*Identification of propagation genes in Toxoplasma gondii through forward genetics	NIH – R21	Principle Investigator		\$250,000	2013
*Hijacking the brain: toxoplasmosis, psychosis, and suicide	IU Collaborative Research Grant	Principle Investigator			2013
*Integrative Multiscale Modeling of T. gondii Infection and Transmission	NSF Collaborative Research Program	Collaborative Investigator		\$50,000	2013
* Toxoplasma gondii as a Surrogate for the Discovery of Drugs Targeting an Essential Calcium-Dependent Kinase from the Malaria Parasite Plasmodium falciparum	DOD – Congressionally Directed Medical Research Program	Principle Investigator	2.1	\$500,000	2013
*The 'autophagy code' in an early-branching pathogenic eukaryote	NIH – R21	Co- Investigator	42	\$250,000	2014
*Toxoplasma gondii as a Surrogate for Anti- apicomplexan Drugs Discovery	NIH – RO1	Principle Investigator	Not scored	\$750,000	2014
*Toxoplasma gondii as a Surrogate for the	DOD – Congressionally	Principle Investigator	1.9	\$500,000	2014

Discovery of Antimalarial Drugs

Directed Medical

Research Program

*Discovery of novel anti-malarials with a cell-based surrogate CTSI-

CTR Pilot Grant

Co-Principal investigator

Finalist, not

2015 \$45,000

funded

INVITED PRESENTATIONS - RESEARCH

LOCAL Title

system

Staving alive: egress and drug

resistance in the intracellular parasite Toxoplasma gondii

MMBB Seminar Series

Moscow, Idaho

Organization

March 2007

Date

Current advances in the study of the opportunistic pathogen Toxoplasma gondii

Idaho Medical Association Meeting | Coeur d'Alene, Idaho

July 2007

REGIONAL

Title Organization Date

May 2005

Ion homeostasis and Toxoplasma egress

Toxoplasma gondii egress: when to stay and when to go

Center for Reproductive Biology Annual

Seattle Parasitology Conference

retreat, Orofino, Idaho

June 23, 2005

Toxoplasma gondii egress: when to stay and when to go

Western Region INBRE Meeting, Moscow,

Idaho

April, 2006

Motility is not required for Toxoplasma gondii egress

gondii exits its host cell

Seattle Parasitology Conference Seattle, WA

May 2007

July 2007

Current advances in the study of the opportunistic pathogen Toxoplasma gondii

Idaho Medical Association Meeting Coeur

d'Alene, Idaho

Bursting out: how Toxoplasma

Idaho INBRE Annual Research Conference,

Moscow, ID

August 2007

Role of a MutS homolog in drug sensitivity in the opportunistic parasite Toxoplasma gondii

INBRE summer conference Moscow, ID

August 2010

*Calcium signaling and egress in Toxoplasma gondii

Midwest Neglected Infectious Diseases Meeting, Notre Dame U

2013

2008

*Bursting out: role of a Calcium Dependent Protein Kinase in host cell egress by the opportunistic pathogen Toxoplasma gondii

A mitochondrial DNA repair

Midwest Microbial Pathogenesis Conference

Johns Hopkins University Medical

August 2015

NATIONAL

Title Organization Date

enzyme plays a role in drug resistance in <i>Toxoplasma gondii</i>	Institutions Baltimore, MD	
"When to move and when to stop: regulation of motility in the parasite <i>Toxoplasma gondii</i>	Albany Medical College Albany, NY	2008
When to move and when to stop: regulation of motility in the parasite <i>Toxoplasma gondii</i>	Temple University Philadelphia, PA	2008
When to move and when to stop: regulation of motility in the parasite <i>Toxoplasma gondii</i> "	University of Texas Medical Center Houston, TX	2008
Role of a MutS homolog in drug sensitivity in the opportunistic parasite <i>Toxoplasma gondii</i>	Montana State University Bozeman, MT	February 2010
The ins and outs of <i>Toxoplasma</i> invasion and egress	NIMBioS Investigative Workshop on Modeling <i>Toxoplasma gondii</i> , Knoxville, TN	March 2010
Role of a MutS homolog in drug sensitivity in the opportunistic parasite <i>Toxoplasma gondii</i>	Department of Microbiology and Immunology at the University of Oklahoma Health Sciences Center	January 2011
Role of a MutS homolog in drug sensitivity in the opportunistic parasite <i>Toxoplasma gondii</i>	Indiana University School of Medicine Pharmacology and Toxicology	2011
*Graceful exit: regulation of egress in <i>Toxoplasma gondii</i>	University of South Florida	October 2013
*A very useful kinase, the role of TgCDPK3 in the lytic cycle of Toxoplasma	University of California Irvine	December 2014
*Bursting out: how a human parasite uses an unique kinase to exit its host cell	Northern Illinois University Chicago, Illinois	February 2015
INTERNATIONAL Title	Organization	Date
	· ·	
Toxoplasma gondii egress can proceed without parasite Motility	International conference on Toxoplasmosis	June 2007
Role of a MutS homologue in drug sensitivity in <i>Toxoplasma</i> gondii	Argentine Society for Protozoology Annual Meeting Rosario, Argentina	2008
A MutS homolog is part of a drug-inducible death pathway in the parasite <i>Toxoplasma gondii</i>	International Congress on Toxoplasmosis Ottawa, Canada	June 2011
*Action of atovaquone and monensin against <i>Toxoplasma</i> depend on the mitochondrial MutS homolog, TgMSH1	International Congress on Toxoplasmosis, Oxford, UK	June 2013
*Monensin treatment of Toxoplasma gondii induces oxidative stress, which leads to	Molecular Parasitology Meeting Woods Hole, Massachusetts	September 2014

disruption of mitochondrial membrane potential and parasite death

*Defining the egress regulatory network of *Toxoplasma gondii*.

X Congress of the Argentinean Society of Protozoology Annual Meeting, Mar del

Plata, Argentina

*Defining the egress signaling network in the apicomplexan *Toxoplasma gondii* 64th Annual meeting of the American Society of Tropical Medicine and Hygiene October 2015

November 2014

SERVICE:

UNIVERSITY SERVICE:

DEPARTMENT

Activity Role Inclusive Dates
University of Idaho Organizer 2005-2011

MMBB Department

Undergraduate Research Symposium

University of Idaho, MMBB Department, Member 2005, 2007-2010

Curriculum Committee

University of Idaho Member Fall 2005

MMBB Department

Promotion and Tenure Committee

University of Idaho Member 2005

Biology Department

Third Year Review Committee

University of Idaho, Faculty Advisor 2006-2012

MMBB Department MMBB student club

University of Idaho Member 2006-2008

MMBB Department

Graduate Admission Committee

University of Idaho Member 2007

MMBB Department

Faculty Search Committee

University of Idaho Member 2008

Biology Department

Promotion and Tenure Committee

University of Idaho Member 2008

MMBB Department

Department Head Search Committee

University of Idaho Member 2008

MMBB Department

Budget Specialist Search Committee

*IUSM Pharmacology and Toxicology Director 2013-present

Departmental Seminar Series

*IUSM Pharmacology and Toxicology Member 2013-preent

Paradise Travel Award Selection

Committee		
*IUSM Pharmacology and Toxicology Faculty Search Committee	Committee Chair	2015-present
SCHOOL Activity	Role	Inclusive Dates
University of Idaho CALS Students Award Selection Committee	Member	2005
University of Idaho CALS Staff Award Selection Committee	Member	2005
University of Idaho WWAMI UDOC Internship Program Selection Committee	Member	2005
*Indiana University School of Medicine, LARC Advisory Committee	Member	2013-present
*IBMG Admissions Committee Toxicology Representative	Member	2014-present
*IUSM Diversity Council	Member	2015-present
UNIVERSITY		
Activity	Role	Inclusive Dates
University of Idaho, McNair Program Advisory Committee	Member	2005-2012
University of Idaho Graduate Research Symposium	Judge	2006, 2008
University of Idaho McNair Program Coordinator Search Committee	Member	2008
University of Idaho Office of Multicultural Affairs Director Search Committee	Member	2008
University of Idaho Juntura Committee	Member	2007-2009
University of Idaho Juntura Committee	Chair	2009-2010
*SACNAS, IUPUI and IU School of Medicine	Faculty Advisor	2014-present
PROFESSIONAL SERVICE:		
NATIONAL Organization	Activity	Inclusive Dates
*American Heart Association	Study Section Member Microbiology II review panel	2008-2015
NSF	Ad hoc grant reviewer	

	Symbiosis Defense and Self- recognition Program	
NSF	Ad hoc grant reviewer Symbiosis Defense and Self- recognition Program	August 2009
Welcome Trust	Ad hoc grant reviewer Immunology and Infectious Disease Funding Meeting	October 2009
NSF	Ad hoc grant reviewer Symbiosis Defense and Self- recognition Program	October 2010
NIH	Ad hoc grant reviewer ZRG1 IDM-S study section	November 2011
NIH	Ad Hoc grant reviewer DDR Study Section	February 2012
NIH	Ad hoc grant reviewer DDR ZRG1 IDM-T (098)	March 2012
*NIH	Ad hoc grant reviewer PTHE Study Section	June 2012
*NIH	Ad hoc grant reviewer DDR Study Section	June 2013
*NIH	Ad hoc grant reviewer DDR Study Section	October 2013
*Research Corporation for Science Advancement	Ad hoc grant reviewer Cottrell College Science Award	September 2013
INTERNATIONAL Organization	Activity	Inclusive Dates
*French National Research Agency	Ad hoc grant reviewer	January 2013
*Foundation pour la Recherche Medicale	Ad hoc grant reviewer	March 2013
*Deutsche Forschungsgemeinschaft (German Research Foundation)	Ad hoc grant reviewer	June 2014
*Scientific Reports (Nature publishing)	Editorial Board Member	2015- present
*FONCyT (Argentinian Research Foundation)	Ad hoc grant reviewer	November 2015

Ad hoc manuscript reviewer:

Applied Environmental Microbiology

- *Antimicrobial Agents and Chemotherapy
- *Autophagy
- *BMC Research Notes
- *Cellular and Molecular Biology Letters
- *Cellular Microbiology
- *Cytoskeleton

Current Genetics

*Eukaryotic Cell

European J. of Cell Biology

Experimental Parasitology

Frontiers in Antimicrobials, Resistance and Chemotherapy

*Infection and Immunity

International Journal of Parasitology

Journal of Biological Chemistry

Journal of Clinical Microbiology

Journal of Immunology

*Journal of Visualized Experiments

*mBio

*Molecular Microbiology

*Nucleic Acid Research

*Parasitology

*PLoS one

*PLoS pathogens

*PLoS Genetics

*Protist

Trends in Parasitology

RESEARCH/CREATIVE ACTIVITY Refereed

Journal Articles

- **1. Arrizabalaga, G.** and Lehmann, R., 1999. A selective screen reveals discrete functional domains in Drosophila Nanos. Genetics 153; 1825-1838. PMID: 10581288
- 2. Black, M.W., **Arrizabalaga, G.** and Boothroyd J.C., 2000. lonophore-resistant mutants of *Toxoplasma gondii* reveal host-cell permeabilization as an early event in egress. Mol. Cell Bio. 20; 9399-9408.
- 3. Camps, M., **Arrizabalaga, G.** and Boothroyd J.C., 2002. An rRNA mutation identifies the apiclopast as the target for clindamycin in *Toxoplasma gondii*. Molecular Microbiology 43(5):1309-18. PMID: 11918815
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(Date)	(Signature of Candidate)