

CURRICULUM VITAE

Anindo Choudhury

Division of Natural Sciences, St. Norbert College
100 Grant Street, De Pere, Wisconsin 54115, U.S.A.

PROFESSIONAL FACULTY & ADMINISTRATIVE APPOINTMENTS

- 2017-2020: Director, Center for Undergraduate Research, St. Norbert College.
- 2016: Visiting Professor, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Quezon City, Republic of the Philippines.
- 2011 – Present: Professor, Biology and Environmental Science, St. Norbert College, De Pere, Wisconsin.
- 2011 – Present. Affiliate Faculty, Microbiology, Oregon State University, Corvallis, Oregon.
- 2006 – 2011: Associate Academic Dean, St. Norbert College, De Pere, Wisconsin.
- 2006 – Present: Associate Professor, Biology and Environmental Science, St. Norbert College, De Pere, Wisconsin.
- 2001 – 2005. Assistant Professor, Biology and Environmental Science, St. Norbert College, De Pere, Wisconsin.
- 2002 – 2008. Adjunct Faculty (Affiliate Membership), University of Wisconsin – La Crosse, La Crosse, Wisconsin.
- 1999 – 2001. Research Associate, USGS National Wildlife Health Center, Madison, Wisconsin.

EDUCATION

Postdoctoral: Natural Sciences and Engineering Research Council of Canada (NSERC) Postdoctoral Fellowship. 1997-1999. Department of Zoology, University of Toronto, Canada.

Ph.D. in Zoology. 1997. University of Manitoba, Winnipeg, Canada.

Thesis: Parasites of the lake sturgeon, *Acipenser fulvescens* (Rafinesque, 1817): Systematics and biogeography.

Adviser: Dr. Terry A. Dick

M.Sc. in Zoology. 1989. University of New Brunswick, Fredericton, Canada.

Thesis: Aspects of the early life history of *Pseudoterranova decipiens* (Krabbe, 1878) and *Contraecaecum osculatum* (Rudolphi, 1802) (Nematoda: Ascaridoidea: Anisakidae).

Adviser: Dr. M. D. B. Burt

B.Sc. (Honours) in Zoology. 1985.

University of Burdwan, Burdwan, India.

TEACHING INTERESTS:

Introductory Biology (Organismal), Zoology, Biodiversity, Parasitology, Ichthyology, Environmental Science, Comparative Vertebrate Anatomy, Research Courses, Faith & Reason.

RESEARCH INTERESTS

Biogeography and Systematics: Historical biogeography, coevolution, Phylogenetic systematics (morphological and molecular) of parasites.

Parasitology: Diversity and speciation of fish parasites, environmental aspects, 'One Health'.

AWARDS/ GRANTS

Awards

- 2006: Donald B. King Distinguished Scholar Award, St. Norbert College.
- 2005: Educator of the Year Award. St. Norbert College.
- 1992 & 1995: Josefina C. Rauch Award for excellence in undergraduate teaching, University of Manitoba. 1992: Parasitology. Course # 22:346. 1995: Invertebrate Zoology. Course # 22:232.

Research Grants

- 2014 - 2016: USGS USGS National Wildlife Health Center Contract: \$32,000
- 2012: NSF ROA, (with PI Steve Nadler, UC Davis). \$24,000.
- 2011 – 2012: USGS National Wildlife Health Center Contract: \$23,000.
- 2011-2012: Oregon State University Contract: \$ 15,000.
- 2011 – 2012: Arizona Game and Fish Contract: \$ 4000.
- 2004: University of Arizona - USGS Cooperative Grant/Contract: \$ 10,000.
- 2002 – 2005, 2012-2015: SNC Faculty Development Grants (summer). Total: \$ 14,000.
- 2002 – 2005, 2012-2015: SNC Faculty Development Travel Grants. Total: \$ 3000.

Undergraduate Student-Faculty Collaborative Research Grants:

St. Norbert College Grants

- 2016: \$3000. Student Collaborator: Boris Semnic.
- 2015: \$1500. Student Collaborators: Elizabeth Manlick, Angela Grahm, David Yanda
- 2014: \$1500. Student Collaborators: Karl Huberty and Brandon Kozinski (BK: Doctor of Osteopathy (DO) Program, Truro U, Nevada).
- 2013: \$1500. Student Collaborator: Jonathan Powers (co-supervisor: David Hunnicutt, Veterinary Medicine, U. of Illinois –Urbana Champaign)
- 2012: \$1000. Student Collaborator: Marc Popp. (Technician, PreventionGenetics, Marshfield, WI).
- 2010: \$1000. Student Collaborator: Eric Gale and Chase Brosseau (EG: MS Eastern Washington U, Pullman, WA).
- 2009: \$1000. Student Collaborators: Chase Brosseau
- 2008: \$ 1000. Student Collaborator: Steven Gale. (MD, Medical College of Wisconsin)
- 2007: \$1000. Student Collaborator: John Tracey. (DMV U Wisconsin)
- 2006: \$1000. Student collaborator: Andy Schemmel. (M.D., U Wisconsin, Radiology, U Wisconsin Hospitals, Madison).
- 2005: \$1000. Student collaborator: Ryan Johnson. (M.D. U Wisconsin, Pathology residency Stanford Medical School)
- 2004: \$1000. Student collaborator: Brian Hoffmann. (Ph.D. U Wisconsin, Currently Assistant Professor, Medical College of Wisconsin)
- 2003: \$1000. Student collaborator: Shane G. Hoffmann. (M.S. Michigan State U,, Forensic Scientist, FBI)
- 2002: \$1000. Student collaborator: Chris Platta. (M.D. Currently residency - Radiation Oncology, UW Hospitals, Madison).
- 2001: \$1000. Student collaborator: Brenner Perryman. (M.S.. Currently Environmental Scientist, PEG Environmental, Colorado)

Equipment Grants (Internal)

- Kresge Foundation Equipment Award: \$6000.
- Strategic Planning Grant, St. Norbert College. 2002. Amount: \$ 25,000. (Co-PI: J. Hodgson)

Pre-professional grants & awards

- NSERC (Natural Sciences and Engineering Research Council of Canada) post-doctoral fellowship grant (1997- 1999): \$ 60,000.
- Faculty of Science Fellowship (Research and Academics), University of Manitoba, 1993. Amount: \$ 8,000.
- G. Lubinsky Memorial Scholarship (Research and Academics), Department of Zoology, University of Manitoba, 1993.
- Department of Zoology Scholarship (Research and Academics), University of Manitoba, 1992.
- National Scholarship Certificate, Government of India. 1986.

PROFESSIONAL TEACHING EXPERIENCE

Jan – May

- 2016: Visiting Professor, Institute of Environmental Science and Meteorology (IESM), University of the Philippines, Diliman. Courses taught: Environmental Science and Special Topics: Aquatic Parasitology.
- 2001- Professor (2011- Present), Associate Professor (2006-2011), Assistant Professor (2001-2006), Division of Natural Sciences, St. Norbert College. Courses taught: General Biology 2 (Organismal Biology), Invertebrate Biology, Ichthyology, Parasitology, Comparative Vertebrate Anatomy, Biological Diversity, Human Biology, Introduction to Biological Research, Independent Studies, Directed Research.
- 2010 - Masters of Liberal Studies Program: 'Darwin and the Divine: Evolution and the Faith-Reason dialogue'.
- 1999 Lecturer and Course In-charge. JZM 357S (Parasitic Helminths and Arthropods). Department of Zoology, University of Toronto, January 3 - April 30, 1999.
- 1996 Instructor (lecturer) in 71:123 (Introductory Biology), Department of Zoology and Biology Teaching Unit, University of Manitoba, March 4 - April 14, 1996.
- 1995 Instructor (lecturer) in 71:123 (Introductory Biology), Department of Zoology and Biology Teaching Unit, University of Manitoba. February 2 - April 15, 1995.
1993. Instructor (lecturer) in 22:346 (Parasitology), Department of Zoology, University of Manitoba. January 4 - March 31, 1993.
1992. Instructor (lecturer) in 22:346 (Parasitology), Department of Zoology, University of Manitoba. January 3 - March 31, 1992.
- 1989-1995 Teaching assistant, Department of Zoology and Biology Teaching Unit, University of Manitoba. Courses: Introductory Biology, Invertebrate Zoology, Biology of the Chordates, and Introductory Parasitology. (8 terms total, 2 courses/term).

1987-1989 Teaching Assistant, Department of Biology, University of New Brunswick. Courses: Introductory Biology, Invertebrate Zoology, Chordate Morphology, Parasitology.

PROFESSIONAL RESEARCH EXPERIENCE

2004 – 2005 Research Consultant: U. of Arizona – USGS Cooperative Unit. Microcosm studies to assess the impact of the Asian tapeworm, *Bothriocephalus acheilognathi* on endangered Yaqui chub and Yaqui topminnow.

1999-2001: Research Biologist and Research Associate, USGS National Wildlife Health Center, Madison. Impact of introduced parasites on native fishes of the Colorado River drainage (Little Colorado River) in Grand Canyon, Arizona.

1995 Project Parasitologist, 'Cochrane Environmental' (division of Cochrane Engineering Inc.) Project on swimmer's itch: '*Schistosoma dermatitis* and water quality at Birds Hill Park, Manitoba.

1992-1994 Parasitologist, Research Contract with Dept. Fisheries and Oceans, Govt. of Canada. *Coregonid (whitefish) parasites from the Mackenzie River system, Arctic Canada.*

1989-1992 Research Assistant to Dr. T.A. Dick. *Sturgeon biology, immunology (C-Reactive protein purification, immunoglobulin purification), biology of fish parasites, diagnostic parasitology.*

1987-1989 Research Assistant to Dr. M.D.B. Burt and Dr. L. Jarecka, University of New Brunswick. *Biology of marine anisakid parasites. In vitro culture of early larval stages.*

RESEARCH PROJECTS

Current

2011- present Diversity and biogeography of fish parasites of Oregon.

2016 – present Diversity and biogeography of fish parasites of the Philippines. Ecological and environmental aspects of fish parasites in Laguna de Bay and its implications for 'One Health'.

1998-present Coevolution and biogeography of fishes and their parasites in Middle America: the role of nearctic and neotropical influences and the history of the Great American Biotic Interchange. Collaborator: Dr. Gerardo Pérez-Ponce de León, Universidad Nacional Autónoma de México, Mexico.

1997-present Systematics and coevolution, phylogenetics of helminths, historical biogeography of host-parasite assemblages in freshwater systems, molecular systematics.

1999-present Impact of introduced parasites on native fishes of the Colorado River drainage (Little Colorado River) in Grand Canyon, Arizona. P.I.: Dr. Rebecca Cole (USGS-National Wildlife Health Center, Madison).

Past

2005- 2009 Invasive non-native parasites in native Californian fishes: Distribution and impact. Collaborative project with faculty and students at the Dominican University of California, San Rafael, CA.

2004- 2006 Effects of the Asian tapeworm, *Bothriocephalus acheliognathi* on the native fishes of southern Arizona. P.I.: Scott Bonar, U. of Arizona – USGS Cooperative.

1998- 2001 Parasite biodiversity in Central America: biodiversity and systematics of fish parasites in the Guanacaste Conservation Area, Costa Rica. Collaborators: Dr. Rita Daverdin and Dr. Odd Terje Sandlund, Norwegian Institute for Nature Research (NINA), Norway, and Dr. Dan Brooks, University of Toronto.

1992-1996 Study of juvenile and adult sturgeon biology (food habits, gonadal maturation cycle, parasites) (collaboration with Ron Bruch, Department of Natural Resources, Wisconsin). (Published in part).

1992-1995 Study of cormorant and pelican parasites: species diversity in Central Canada (Study completed, to be published).

1989-1995 Species identification/diagnostics of parasites/diseases for: Fish Inspection Branch and Fish Health and Diseases, Department of Fisheries and Oceans (Canada), Department of Natural Resources (Manitoba) and Department of Parks and Recreation Fisheries (Saskatchewan), Veterinary Clinic, Winnipeg, and general public. Supervisor: Dr. Terry A. Dick.

1989-1995 Other fish parasitology: Smallmouth bass parasites from Manitoba and Saskatchewan (published), comparative study of *Phyllodistomum lacustri* (morphometrics) from stonecat *Noturus flavus* in Manitoba waterways (recent invader) and from other N. American ictalurids (unpublished), biology and biogeography of *Diphyllbothrium latum* in Manitoba (with T.A. Dick, manuscript in preparation).

1988-1989 In vitro culture of larval (L2) marine anisakids (assistant to Dr. L. Jarecka).

STUDENT RESEARCH ACTIVITIES

Directed undergraduate research / collaborations and projects

- Craig Schaning (2002): Benthic macroinvertebrate diversity of the West Twin River. (Environmental Science Senior thesis).
- Brenner Perryman (2002): Description of a new species of parasitic nematode (Published).
- Nick Schill (2003): Molecular differentiation of two species of parasitic flukes using ribosomal gene sequences. Undergraduate thesis. (Conference presentation).

- Eddie Heath (2003): Parasite communities in fishes of the UNDERC lakes. (funded through 2002 NSF-REU to PI Jim Hodgson). (Manuscript in preparation).
- Chris Platta (2003-2005): Systematic position of a parasitic fluke using ribosomal RNA gene sequences. (Published).
- Shane Hoffmann (2004-2005): Systematics and species boundaries in a tapeworm species complex using ribosomal RNA genes. (Conference presentations).
- Joe Beuchel (2004): Parasite communities in northern lakes of UNDERC. (funded through 2003 NSF-REU to PI Jim Hodgson). (Conference presentation. Manuscript in preparation with Eddie Heath).
- Matthew Ribikawskis (2005): Feeding habits of bluegill and pumpkinseed as indicators of their trophic position in Shawano Lake.
- Chris Wieber (2004): The taxonomy and diversity of parasitic nematodes from Costa Rican freshwater fishes.
- Brian Hoffmann (2004-2005): Interrelationships of parasitic flukes using ribosomal RNA gene sequences (Published in part, second manuscript in preparation, co-author Nick Schill).
- Matthew Szadkowski (2004 - 2006): Characterization of the Manitoba isolate of the human broad tapeworm, *Diphyllobothrium latum*, using molecular techniques.
- Ryan Johnson (2004 -2006): Genetic bar coding and molecular systematics of trematode and cestode parasites (Published in part).
- Maggie Herriges (2005, 2006). Molecular systematics of Dicybothriidae, parasites of sturgeons (Day of Celebration poster presentation).
- Jake Schinderle (2005). Diet analysis of the invasive round goby in the Fox River.
- Peter Bernardy (2005). Molecular characterization of a population of fish tapeworms.
- Andy Schemmel (2006, 2007). Molecular systematics of Deropristiidae, parasites of sturgeons, molecular population differentiation of *Crepidostomum* flukes, molecular systematics of North American fish parasitic nematodes (paper submitted, in revision).
- John Tracey (2006, 2007): Parasites of California fishes and description of a new species (manuscript completed, published).
- Steve Gale (2007, 2008): Population genetics of invasive snail *Bithynia tentaculata* (Day of Celebration poster presentation)
- Michael Szadkowski (2007, 2008): Molecular characterization of human broad tapeworm.
- Nicole Martin (2007, 2008): Molecular taxonomy of acanthocephalan parasites of fishes.
- Alyssa Kurth (2007, 2008): Species designation of *Leptorhynchoides thecatus*, parasites of freshwater fishes.
- Carl Wepking (2008): Biodiversity of soil nematodes at selected locations at STRI, Panama (Environmental Science senior thesis).
- Bret Grasse (2007, 2008): Diet composition of the invasive round goby in the Fox River, U.S.A.
- Matthew Konop (2008-2009): Molecular phylogenetics of *Diclybothrium atriatum*, parasite of lake sturgeon using 18S rRNA gene sequences.
- Ben Wiseley (2008, 2009). Molecular phylogenetics of the Deropristiidae using 18S and 28S rRNA genes.
- Aimee D'Amour (2008-2009): PCR based techniques to determine host specificity and species identities in unknown acanthocephalan parasites.
- Shuai Zheng (2009 - 2010) Molecular characterization of populations of the invasive Asian fish tapeworm in North America.
- Zachery Gregorich (2009, 2010) Molecular characterization of new tapeworm species, molecular diagnostics of infections, molecular differentiation of trematodes.
- Chase Brosseau (2009, 2011): Ecological studies on fish diet niche partitioning, description of a new species of parasitic fluke from hornyhead chub in Wisconsin.

- Shane Buruss (U. Minnesota – Twin Cities, (Summers 2009, 2010). Description of two new species of parasitic flukes from the shorthead redhorse and hognose sucker in Wisconsin. (manuscript in preparation).
- Eric Gale (2010, 2011): Description and molecular characterization of a new species of parasitic fluke from spotted suckers in Wisconsin. Analysis of rainbow trout diet in the Colorado River, Grand Canyon.
- Marc Popp (2012-2014): Applications of PCR techniques to species identification of previously frozen and disintegrating parasite material.
- Tim Hartwick (2013-2014): Description of new species of nematode from Benka Lake, Alaska, using morphological and molecular data.
- Jonathan Powers (2013-2014): \$1500. The Immunological Response of Sturgeons to Parasitic and Bacterial Infection. (PI: David Hunnicutt).
- Karl Huberty & Brandon Kozinski (2014-2015): Characterization of a potentially new species of *Bothriocephalus* from rockbass in Michigan.
- Reed Colling (2014-2015): Comparison of geographical isolates of the fish tapeworm *Bothriocephalus cuspidatus*.
- Elizabeth Manlick (2014-present): Species identification of fish parasites using molecular markers.
- David Yanda (2014-2015). Species diversity in the genus *Lissorchis*, parasites of suckers (Catostomidae).
- Boris Semnic (2015-). Integrative (molecular and morphological) taxonomy and systematics of freshwater fish parasites.
- Amy Holzer (2017-). Fish parasites of the Philippines and India: Systematics and Biogeography.
- Carson Torhorst (2017 -). Parasites of burbot and lake trout from Lake Michigan: Faunal survey, ecology and molecular characterization.
- Graceanne Tarsa (2017 -) Molecular and morphological characterization of larval stages of aquatic parasites.

Conference presentations by undergraduate research students:

(Research mentors are in parentheses)

Torhorst, C. and A. Choudhury. 2018. Parasites of the Burbot, *Lota lota*, from Green Bay of Lake Michigan, with an evaluation of *Eubothrium rugosum* based on molecular data. American Society of Parasitologists Annual Meeting, June 21-24, Cancun, Mexico. (Poster).

Semnic, B., A. Brandt and A. Choudhury. 2017. Testing species boundaries in a widely distributed fish parasite *Crepidostomum cooperi* (Trematoda: Allocreadiidae) using morphology and molecular data. American Society of Parasitologists Annual Meeting, June 25 – 28, San Antonio, Texas. (Poster).

Yanda, D., E. Manlick, A. Grahn, P. Nelson and A. Choudhury. 2015. Diversity of *Lissorchis* spp. (Trematoda: Lissorchiidae) explored through morphology and molecules. American Society of Parasitologists Annual Meeting, June 25 – 28, Omaha, Nebraska. (Poster).

Popp, M., A. Choudhury and M. Steinauer. 2013. PCR based identification of parasites from a study in the Yukon. 27th National Conference on Undergraduate Research (NCUR), University of Wisconsin La Crosse. La Crosse, Wisconsin. (Poster)

Gale, E., Gregorich, Z. (A. Choudhury). 2012. Diet of rainbow trout, *Oncorhynchus mykiss*, in Colorado River, Grand Canyon. 26th National Conference on Undergraduate Research (NCUR), March 29 – 31,

2012, Weber State University, Ogden, Utah. (Poster)

Gregorich, Z., (A. Choudhury and R.A. Cole). 2011. Applications of Polymerase Chain Reaction (PCR) in the Detection of Parasite Larval Stages and Molecular Prospecting for New Species. 25th National Conference on Undergraduate Research (NCUR), March 31 – April 2, 2011, Ithaca College, Ithaca, New York. (Poster).

Andrews, A., S.Keeley, S. Flores, (A. Choudhury, M. Kolipinski, J. Cunningham, and S. Ghosh). 2010. Use of fish parasites as an index of stream health in the San Francisco Bay Area. 24th National Conference on Undergraduate Research (NCUR), April 15-17th, University of Montana, Missoula, Montana.

Gale, S.W. and Doubek, J.P. (A. Choudhury). 2009. Comparison of DNA Sequences between European and North American Isolates of the Invasive European Snail *Bithynia tentaculata*. 23rd National Conference on Undergraduate Research (NCUR), University of Wisconsin - La Crosse, La Crosse, Wisconsin, USA.

Kurth, A. and Martin, N. (A. Choudhury). 2009. Molecular Characterization of Acanthocephalan parasites in Freshwater Fishes. 23rd National Conference on Undergraduate Research (NCUR), University of Wisconsin - La Crosse, La Crosse, Wisconsin, USA.

Szadkowski, M.A. (A. Choudhury). 2009. Molecular Characterization of the Human Broad Tapeworm in North America. 23rd National Conference on Undergraduate Research (NCUR), University of Wisconsin - La Crosse, La Crosse, Wisconsin, USA.

Callaway-Keeley, S., S. Flores, C. Sullivan, (A. Choudhury, M. Kolipinski, and S. Ghosh). 2008. Parasites (Endohelminths) of Fishes, California Roach, and Prickly Sculpin in Point Reyes National seashore, California. 22nd National Conference on Undergraduate Research (NCUR), Salisbury University, Maryland, California, USA.

Cheng, J.M., (A. Choudhury, M. Kolipinski, S. Ghosh). 2008. Three-Spine Stickleback Parasites of the San Francisco Bay Area, California. 22nd National Conference on Undergraduate Research (NCUR), Salisbury University, Maryland, California, USA.

Cheng, J.M., **J. Tracey***, C. Heiser, I. McFadden, (J. Cunningham, S. Ghosh, M. Kolipinski, and A. Choudhury). 2007. Discovery of parasites in threespine stickleback (*Gasterosteus aculeatus*) in Golden Gate National Recreation Area, California. 21st National Conference on Undergraduate Research (NCUR), Dominican University of California, California, USA.

Discipulo, M., J.M. Cheng, (J. Cunningham, M. Kolipinski, S. Ghosh, and A. Choudhury. 2007). Helminth parasites in the invasive *Gambusia affinis*: Threats to ecosystems in the San Francisco Bay Area. 21st National Conference on Undergraduate Research (NCUR), Dominican University of California, California, USA

Heiser C, C O'Mara, **J Tracey***, JM Cheng, I McFadden, (J Cunningham, S Ghosh, M Kolipinski, A. Choudhury) 2007. Preliminary survey of parasites in black bullhead catfish, *Ameiurus melas*, in Northern California. 21st National Conference on Undergraduate Research (NCUR), Dominican University of California, California, USA

ADMINISTRATIVE AND COLLEGIAL ACTIVITIES

2017- 2020: Director of the SNC Collaborative: Center for Undergraduate Research.

2006 – 2011. Associate Academic Dean, St. Norbert College.

- Primary Responsibilities: General Education Program, Academic Support Services, Writing Across the Curriculum and Writing Center, Advisement, College Catalog, Academic Court, Summer Sessions and J-Term.
- SNC administrator and advisor for the SNC-Bellin College nursing program partnership; also played a role in the new Bellin College – SNC agreement.
- SNC administrator for the McNair scholarships program.
- Chair, Information Services Restructuring Working Group (2006-2007).
- Chair, Academic Support Services Review Working Group (2006-2007).
- Serve on: Dean’s Council, Curriculum and Educational Policy Committee, General Education and Honors Committee (Chair), Revenue Enhancement Task Force, Campus Space Committee.
- Grant writing activities:
 - 2009: Kemper Foundation Grant (collaborative grant with Green Bay Chamber of Commerce, not funded)
 - 2008: CIC Walmart Grant (not funded)
 - 2009: CIC Walmart Grant (not funded)

2001- 2006

- 2003-2005: Discipline Coordinator, Biology. Coordinated the activities of the Biology Discipline, managed the budget, represented Biology on the Natural Sciences Advisory Council, authored the 5-year Biology Program Review document.
- Authored the 5-year program review document for Environmental Science
- 2003-2005: Member, Natural Sciences Advisory Council.
- 2003-2006 (Spring): Member, Curriculum and Educational Policy Committee (CEPC).
- 2003-2006: Member, Scholarships Committee.
- 2003-2006: Member, Nominations and Elections Committee.
- 2005-2006: Member, Revenue Enhancement Task Force.
- 2005: Organized/served as MC for the Academic Awards Dinner.
- 2002-2006: Advisor, Beta Beta Beta Biology Honors Society.
- 2005-2006: Advisor for student group in Michael’s Hall.
- 2015-Present: International Studies Committee.

ACTIVITIES RELATED TO MISSION & HERITAGE

- 2008: Norbertine Heritage Tour 2008. Visited with the Norbertine brothers at the abbeys in Windberg, Roggenburg, and Sayn (all in Germany), Leffe (Belgium), and Mondaye (France). Visited Xanten, St. Norbert’s birthplace, and Premontre (the founding place of the order). Tour included pre-tour readings and group discussion, and post-tour follow-up and retreat.
- 2008: Symposium ‘Norbertines and Science’ sponsored by SNC Center for Norbertine Studies. Title of Presentation: *The Praemonstratensians and Science at the College*. 2008.
- 2008: *St. Norbert College Distinguished Lecture Series: “Evolutionism Versus Creationism in American*

Life”, Door County Auditorium. Feb. 2, 2008.

- 2010: Taught a course for the MLS (Masters in Liberal Studies) Program: Darwin and the Divine: Evolution and The Faith Reason dialogue.
- 2006-present: Involved in efforts to craft a new Core Program draft proposal for SNC that strengthens the intellectual connection to the College’s heritage and identity.
- 2010: Participated in Faith, Learning and Vocation Study Group 2009 - 2010
- 2010: Participated in Collegium: A Colloquy on Faith and Intellectual Life, University of Portland, June 14 -21.
- 2010-2011: Participating in a study group on Community Service Learning.
- 2016: Participating in a committee on fostering Norbertine Identity on campus.

OTHER PROFESSIONAL ACTIVITIES

Associate Editor, *Journal of Parasitology Systematics and Phylogenetics*: (2011-Present)

Associate (Subject) Editor, *Diseases of Aquatic Organisms* (2014-Present)

Associate Editor, *Zootaxa* (2012-2014). Parasitic Nematodes Section.

Editorial Board: Philippine Journal of Systematic Biology (2016 – Present)

Editorial Advisor: *Folia Parasitologica* (2010 – Present)

Editorial Board: Philippine Journal of Systematic Biology (October 2016 – Present)

Memberships in Societies: American Society of Parasitologists (also past chair, *Distinguished Service Award Committee* & past chair *In Memoriam Committee*).

Formerly also member of: American Fisheries Society, Helminthological Society of America, American Society of Ichthyology and Herpetology, International Biogeography Society, World Sturgeon Conservation Society.

Reviewer: for *Journal of Parasitology*, *Parasitology*, *American Midland Naturalist*, *Comparative Parasitology*, *Journal of Wildlife Diseases*, *Journal of Biogeography*, *Folia Parasitologica*, *Zootaxa*, *Acta Parasitologica*, National Science Foundation, U.S.A. (ad hoc reviewer)

National Science Foundation (NSF) Review Panelist (Systematic Biology):

February – June 2010 (Panel meeting, NSF, Washington DC, April 7-9, 2010). Reviewer for 16 full proposals, lead panellist reviewer on 4 proposals).

Spring 2015: Pre-proposal Panel, NSF, Washington DC. Reviewer for 16 pre-proposals, lead panellist for 5 proposals.

Graduate Studies Committees

University of Wisconsin, La Crosse. M.S. thesis committees (3) 2003-present.

University of Wisconsin, Green Bay. M.S. thesis committees (2) 2003 – 2005.

Universidad Nacional Autónoma de México. M.S. and PhD Thesis Committees (3) 2002- 2005.

PUBLICATIONS

(Asterisk indicates SNC student author)

1) Refereed (peer-reviewed) journal publications (published or accepted) (59)

Kuchta, R., **A. Choudhury** and T. Scholz. 2018. Asian fish tapeworm: the most successful invasive parasite in freshwaters. *Trends in Parasitology* .

García-Varela, M. B. Mendoza-Garfias, **A. Choudhury** and G. Pérez-Ponce de León. 2017. Morphological and molecular data for a new species of *Pomphorhynchus* Monticelli, 1905 (Acanthocephala: Pomphorhynchidae) in the Mexican redhorse *Moxostoma austrinum* Bean (Cypriniformes: Catostomidae) in central Mexico. *Systematic Parasitology*, 94(9):989-1006.

Oros, M., **A. Choudhury** and T. Scholz. 2017. A common Eurasian fish tapeworm, *Caryophyllaeides fennica* (Cestoda) in western North America: Further evidence for amphi-Pacific vicariance in freshwater fish parasites. *Journal of Parasitology*, 103(5):486-496.

Fayton, T.J., **A. Choudhury**, C.T. McAllister and H.W. Robison. 2016. Supplemental description of *Plagioporus boleosomi* (Pearse, 1924) Peters, 1957, with the description of three new species of *Plagioporus* Stafford, 1904 from darters. *Systematic Parasitology* 94(2): 159–182.

Choudhury, A., G. Pérez-Ponce de León, M. García-Varela. 2016. Parasites of freshwater fishes and the Great American Biotic Interchange: a bridge too far? *Journal of Helminthology* 2016 July 4:1-23. [Epub ahead of print].

Scholz, T., V.V. Besprozvannykh, T.E. Boutorina, **A. Choudhury**, T.H. Cribb, A.V. Ermolenko, A. Faltýnková, M.B. Shedko, T. Shimazu, and N.J. Smit. 2016. Trematode diversity in freshwater fishes of the Globe I: 'Old World'. *Systematic Parasitology*, 93(3): 257–269.

Choudhury, A., M. L. Aguirre-Macedo, S.S. Curran, M. Ostrowski de Núñez, R.M. Overstreet, G. Pérez-Ponce de León, C. P. Santos. 2016. Trematodes of freshwater fishes of the Globe II: 'New World'. *Systematic Parasitology* 93(3): 271–282.

Oros, M., J. Brabec, R. Kuchta, **A. Choudhury** and T. Scholz: 2016. A synoptic review of *Promonobothrium* Mackiewicz, 1968 (Cestoda: Caryophyllidea), parasites of suckers (Catostomidae) in North America. *Folia Parasitologica* 63: epub. March 2016.

Choudhury, A. and S.A. Nadler. 2016. Phylogenetic relationships of Cucullanidae (Nematoda), with observations on Seuratoidea and the monophyly of *Cucullanus*, *Dichelyne* and *Truttaedacnitis*. *Journal of Parasitology* 102(1):87-93.

Pérez-Ponce de León, G., C.D. Pinacho-Pinacho, B. Mendoza-Garfias, **A. Choudhury**, and M. Garcia-Varela. 2016. Phylogenetic analysis using the 28S rRNA gene reveals that the genus *Paracreptotrema* Choudhury, Pérez-Ponce de León, Brooks and Daverdin, 2006 (Digenea: Allocreadiidae) is not monophyletic; description of two new genera and one new species. *Journal of Parasitology* 102(1):131-42.

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Cole, R.A., **A. Choudhury**, T. McKinney, and D. Speas. 2002. *Truttaedacnitis truttiae* causes severe intestinal lesions in rainbow trout from Lee's Ferry Tailwater, Colorado River. ICOPA (International Congress of Parasitology) X. August 4 - 9, 2002, Vancouver, Canada.

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Choudhury, A., T.L. Hoffnagle, and R.A. Cole. 2001. Parasites of native and non-native fishes of the lower Little Colorado River, Grand Canyon, Arizona. *2001 Meeting, American Society of Parasitologists*, June 28 – July 3, 2001, Albuquerque, New Mexico.

Pérez-Ponce de León, G. and **A. Choudhury**. 2001. Systematics and biogeography of ictalurid parasites in Mexico. 76th Annual Meeting. American Society of Parasitologists, June 28 – July 3, 2001, Albuquerque, New Mexico.

Schloesser, D.W. and **A. Choudhury**. 2001. Parasites of the burrowing mayflies: how to meet fish and other aquatic organisms. Midwest Fish and Wildlife Conference 2001. December 4 - 9, 2001.

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Hoffnagle, T., R. Cole and **A. Choudhury**. 2000. Health and parasites of the endangered humpback chub (*Gila cypha*) in the lower Little Colorado River, Grand Canyon, Arizona. *2000 Meeting, American Society of Parasitologists & Society of Protozoologists*, June 24 – 28, 2000, San Juan, Puerto Rico.

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Hartvigsen, R., **A. Choudhury** and O.T. Sandlund. 1999. Diversity of freshwater fish parasites from Costa Rica, Central America. *5th International Symposium on Fish Parasites*, Institute of Parasitology, Academy of Sciences of the Czech Republic. August 9-13, 1999. České Budejovice, Czech Republic.

Choudhury, A and T.A. Dick. 1998. Sturgeons and their parasites: the historical biogeography of a host-parasite association. *78th Annual Meeting, American Society of Ichthyologists and Herpetologists*, University of Guelph, Guelph, Ontario, Canada. July 16 - July 22, 1998.

Choudhury, A. and T.A. Dick. 1994. Cellular responses of lake sturgeon, *Acipenser fulvescens* (Chondrostei: Acipenseridae) to *Raphidascaris acus* (Nematoda: Ascaridoidea). *Abstracts, Annual*

Meeting, *Canadian Society of Zoologists*, May 11-14, 1994, *Bulletin, Canadian Society of Zoologists*, 25(2): 40.

Dick, T.A., P. Nelson, **A. Choudhury** and J.P. Carney. 1994. *Raphidascaris acus* as an excellent exploiter of food chains. *Abstracts, Annual Meeting, Canadian Society of Zoologists, Winnipeg, Manitoba, May 11-14, 1994. Bulletin, Canadian Society of Zoologists*, 25(2): 43.

Bruch, R.M., F.Binkowski, T.A. Dick and **A. Choudhury**. 1994. Stages of lake sturgeon gonad development and management implications. Poster, *International Conference on Sturgeon Biodiversity and Conservation*. American Museum of Natural History, New York, July 28-30, 1994. *The Sturgeon Quarterly*, Volume 3(1): 10-11 (Abstract).

Choudhury, A. and T.A. Dick. 1994. Parasites of broad whitefish, *Coregonus nasus* (Pallas) from the Mackenzie River system. *Proceedings, Annual Meeting, Canadian Council for Fisheries Research*, January 1994. Saskatoon, Canada.

Bruch, R., **A. Choudhury**, F.P. Binkowski and T.A. Dick. 1992. Stages of lake sturgeon gonad development and management implications. *American Fisheries Society Annual Meeting, December, 1992, Toronto, Canada*.

Choudhury, A., T.A. Dick, H. Holloway Jr. and C. Ottinger. 1990. The lake sturgeon, *Acipenser fulvescens* (Chondrostei: Acipenseridae): Parasitofauna and immunological parameters. *Proceedings of the North Dakota Water Quality Symposium, NDSU, 1990*: 310-321.

Burt, M.B., H.P. Arai, J. Bratney, **A. Choudhury**, L. Jarecka, C.G. Likely, B.M. MacKinnon and J.W. Smith. 1989. A contribution to our knowledge of the sealworm (*Pseudoterranova decipiens*). *Canadian Conference for Fisheries Research*, January 4-5, Quebec City, Canada, 1989.

Jarecka, L., **A. Choudhury** and M.D.B. Burt. 1988. On the life cycle of *Pseudoterranova decipiens*: Experimental infections of macro and micro-invertebrates. *Annual Meeting, Canadian Society of Zoologists. Bulletin of Canadian Society of Zoologists*, 19: 32.

7) Conference proceedings:

Dick, T.A., P.A. Nelson and **A. Choudhury**. 2001. Diphyllbothriasis: update on human cases, foci, patterns and sources of human infections and future considerations. *Southeast Asian Journal of Tropical Medicine and Public Health*, 32: Suppl.2 : 59-76.

Dick, T.A., B. Dixon and **A. Choudhury**. 1991. *Diphyllbothrium, Anisakis and other fish-borne parasitic zoonoses. Southeast Asian Journal of Tropical Medicine and Public Health*, 22: 150-152.

8) Invited Seminars

2016: Institute of Environmental Science and Meteorology, University of the Philippines- Diliman. Quezon City.

2009. Senior Undergraduate Seminar (Biology) presentation at Willamette University, Salem, Oregon.

2006 & 2007. Capstone Undergraduate Seminar (Biology) presentations at Lawrence University, Appleton, Wisconsin.

From the Grand Canyon to the Mesa Central: Parasites, problems and potential. *Auditorio del Jordan Botanico, Instituto de Biología, Universidad Nacional Autónoma de México (UNAM)*, Mexico City, January 23, 2001.

Coevolution and historical biogeography: North American freshwater fishes and their helminth parasites. *Department of Biology, University of Windsor, Windsor, Ontario, Canada*. November 6, 1998.

North American freshwater fishes and their parasites: patterns and processes of historical biogeography. *Auditorio del Jordan Botanico, Instituto de Biología, Universidad Nacional Autónoma de México (UNAM)*, Mexico City, May 19, 1998.