

Curriculum Vitae: Mirjana Milosevic-Brockett, Ph.D.
Principal Academic Professional
Georgia Institute of Technology/School of Biological Sciences

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December 2024

2022: AMSA networking night recognition
2022: Recipient of the two CTL “Thank a teacher” awards
2021: Student Recognition of Excellence in Teaching: Class of 1934 Award
2020: CTL recognition for the CIOS score and two “Thank a teacher” awards
2019: AMSA recognition for 15 years of faculty advising
2019: SLS (Serve Learn Sustain) grant award
2017: FASET and “Connect with Tech” advising recognitions
2015: School of Biology Nomination for the Advisor of the Year Award
2014: AMSA organization nomination for the GT Advisor of the Year Award
2014: Teaching Excellence Award
2012-2013: Teaching Scholar, Class of 1969 Award
2012: Certificate of Appreciation for Career Advising (GT Division of Student Affairs)
2010-2011: SciTrain Scholar scholarship (in the field of Biology)
2010: Teaching Scholar, Class of 1969 Award
2010: GTAAN “Super Belt” in Academic Advising
2008-2019 “Thank a teacher” CETEL recipient (multiple awards)
2009: Recipient of “Undergraduate Educator Award” for excellence in teaching
2008: Freshman Partner of the Year Award (Honors program)
1988: University of Belgrade Award for Doctoral Thesis
1983: University of Belgrade, stipend for US
1981: School of Biology, University of Belgrade award

IV. Summary of Higher Education Administrative and Leadership Experience

- 2022-Present Community of Practice UN SDG member
- 2023: Chair of the Undergraduate Awards Committee
- 2015-Present: Director of the Biology Certificate Program
- 2014-Present: Member of the School of Biological Sciences Undergraduate Committee
- 2013-2022: Georgia Tech Center for Ethics faculty group
- 2022-Present: School appointee for Biology Transfer credit evaluations
- 2021-Present: Academic Peer Evaluation Committee
- 2019: Serve on the Cos Academic Professional Promotion Committee
- 2020: Serve Learn Sustain Assessment Partner
- 2019- 2020: GT Arts Faculty Insight Group
- 2019- 2020: Serve on the Cos Academic Professional Promotion Committee
- 2017-2020: Teaching Effectiveness Committee
- 2016-2019: GT Faculty Executive Board Committee
- 2013- 2014: School of Biology representative in the Georgia Tech Academic Senate
- 2012: CoS Chair Review Committee
- 2011: EBB Building Committee
- 2010-2019: Evolution faculty committee
- 2005-2020: GT Faculty Advisor of AMSA organization (300+ members)
- 2007-2009 GTAAN Board faculty member
- 2005-present: Introductory Biology committee

V. Education and Mentorship

A. Courses Taught

Semester, Year	Course Number	Course Title	Number of Students
Fall 2024	BIOS 4651	Bioethics	43
Fall 2024	BIOS 2601	Genetics labs	68
Summer 2024	BIOS 4651	Bioethics	5
Spring 2024	BIOS 4651	Bioethics	47
Spring 2024	BIOS 2601	Genetics labs	65
Fall 2023	BIOS 4651	Bioethics	48
Fall 2023	BIOS 2601	Genetics labs	92
Summer 2023	BIOS 4651	Bioethics	15
Spring 2023	BIOS 4651	Bioethics	34
Spring 2023	BIOS 2601	Genetics Labs	50
Fall 2022	BIOS 4651	Bioethics	45
Fall 2022	BIOS 2601	Genetics Labs	96
Summer 2022	BIOS 4651	Bioethics	15
Spring 2022	BIOS 3600/6600	Evolution	102
Spring 2022	BIOS 4651	Bioethics	45
Spring 2022	BIOS 2601	Genetics Labs	72
Fall 2021	BIOS 4651	Bioethics	31
Fall 2021	BIOS 2601	Genetics Labs	42
Summer 2021	BIOS 2600	Genetics	19
Spring 2021	BIOS 4651	Bioethics	30
Spring 2021	BIOS 2601	Genetics Labs	37
Fall 2020	BIOS 4651	Bioethics	27
Fall 2020	BIOS 2601	Genetics Labs	48
Summer, 2020	BIOL 2344	Genetics	32
Spring, 2020	BIOS 2345	Genetics labs	47
Spring 2020	BIOS 4651	Bioethics	29
Fall, 2019	BIOS 4651	Foundations of Bioethics	24
Fall 2019	BIOL 3600/6600	Evolution	59
Fall 2019	BIOL 2345	Genetics Labs	72
Summer, 2019	BIOL 2344	Genetics	40

B. Academic and Career Advising and Guidance Responsibilities

- Advising and administrative duties at Georgia Tech have been equally distributed in the past years. I have been responsible for academic advising of 100+ students in the biology major annually, as well as FASET advising sessions and meetings with prospective Biology students. My records show average of about 200 advising meetings per school year.
- I have met with student organizations, such as OCF, AMSA, Global Missions Alliance and Tri-Beta and I attended their evening events.

- I represented School of Biological Sciences over four years in the CoS- IAASM events.
- I held 6-8 FASET sessions each summer semester, for the incoming freshman students 2005-2024.
- From 2010-2020 I invited Bio alumni representatives, program leaders and professional school representatives to give seminars on their profession, graduate programs, or professional programs. I usually had 5-7 events in a school year, with lunch sponsored by the school of biosciences alumni fund.
- As the Director of Certificates for School, I was responsible for meeting with students and signing certificates in each semester. I completed Bio Certificate Revision. The updated certificate list and the new application form is posted on our website and in the Student Handbook in 2019. In 2022, in collaboration with the Undergraduate committee, we have revised Certificate program and successfully changed the information in the GT catalog.
- I have organized and led School of BioSci Graduation Events for the last 7 years.
- In my work as AMSA faculty advisor, I helped organize the annual Pre-Health Conference in from 2006- 2020.
- In addition to advising meetings, major/minor change, and recommendation letter meetings, I also meet with students applying for our biology certificates.
- Participated in monthly GTAAN and ERN meetings and share the updates with colleagues in the Bio advising group, as well as with our students.:

C. Research Advising and Guidance

- PhD Thesis committee member for Ruiqiao Yang (2024): Proposal in submission.
(Dr. Yuhong Fan, Dr. Rabindranath De La Fuente, Dr. Jiyue Zhu, Dr. Francesca Storici, Dr. Mirjana M. Brockett)
- Mentor for Emory Bioethics Teaching Certificate for Alyssa Montalbine (2022-2024)
- PhD Thesis committee member for Parisa Yousefi Zowj (2020):
“Topics on Multiresolution Signal Processing and Bayesian Modeling with Applications in Bioinformatics”
(Dr. Brani Vidakovic, advisor and Dr. Mirjana Milosevic-Brockett, Dr. David Goldsman, Dr. King Jordan, committee members)
- PhD Thesis committee for Dr. Mina Georgieva (2019):
“Techniques for comparing efficacy and cost-effectiveness of cancer therapies, and improved inference tools”
(Dr. Brani Vidakovic, Dr. Ben Haaland Dept. of Population Health Sciences, University of Utah, Committee Members: Dr. Yao Xie, Dr. David Goldsman, Dr. Mirjana Milosevic-Brockett, School of Biological Sciences).
- MSci Thesis committee member for Stephanie Richter (2018):
“Validating Ice Slurry’s Perceived Mechanical Abrasive Quality to Increase Pathogen Reduction on Poultry during Immersion Chilling”
(Advisor Dr. Brian Hammer)

- PhD. Thesis committee member for Tonya Woods (2015):
“Extracting Meaningful Statistics for the Characterization and Classification of Biological, Medical, and Financial Data”
(Advisor Professor Brani Vidakovic)
- Second reader for 3-5 Undergraduate Research Thesis in the CoS, each year 2009-2024. Recent few examples:
 - “Analysis of Neural stem Cells and Neurospheres”
Student: Shivani Palanivel B.S. Neuroscience with Research Option Designation CoS, 2020
(Dr. Yuhong Fan and Dr. Mirjana Milosevic-Brockett)
 - “An Investigation into the Structure of the PSII Protein through Cryo- EM Image Processing”
Student: Tajah Damm Fall 2019 (Dr. Inga Scmidth and Dr. Mirjana Milosevic-Brockett)
 - “Social traits of *Vespula maculifrons*”. Student: Veronica Thompson, Fall 2019
(Dr. Michael Goodman)
- Writing an average of 40+ recommendation letters annually, both for undergraduate and graduate students. Most frequently I write letters of recommendation for: MD, PhD and MS programs. Other letters requested various professional schools, as well as letters for scholarships, internships, and employment opportunities.
- 2005-Present: Mentoring graduate and undergraduate teaching assistants
In the past year alone, I have mentored 15 GTA’s and 5 UTA’s.
- Work and mentoring of students in the following organizations:
 - Global Missions Alliance
 - GT Balkan Society
 - OCF (Orthodox Christian fellowship at GT)
 - 2005-2021: Faculty advisor for GT AMSA (American Medical Student Association)
 - 2005-2014: Faculty Advisor for Sigma Beta Rho GT student organization
 - 2009-2011: NSCF (Natural Science Career Fair) advisor
 - 2006-2010 Honorary advisor for Women’s Multicultural Society at GATECH

D. Educational Innovations and Other Contributions

- Work on changes in the School of Biological Sciences curriculum with a recent revision of the Biology Certificate program and proposition for changes at the institutional level.
- Created new activities in Bioethics class. Re-designed the Service-Learning component of the Bioethics class. The class is my educational innovation and contribution to the GT curriculum. Bioethics fulfils Ethics core requirement at Georgia Tech, counts as a biology elective, it is approved course for the Health and Medical Science Minor at the College of Science and fulfils the SLS certificate (as well as the Serve-Learn-Sustain Minor requirements).
- In 2019 improved the protocols and the teaching rubrics for BIOL Genetics research project labs. This is a one semester long research project is allowing students to generate genetics

hypotheses using your fluorescent protein experiment, design experiments and interpret results using basic statistical analysis and write a lab report in the style accepted by genetics scientific journals. I have developed a phylogenetic component of this project and students were able to use their sequence analysis data to construct phylogenies of all fluorescent protein mutants that they had in the semester. My group have implemented this new protocol in the fall. The project lab is very popular and appreciated among students.

- In our Evolution class, Dr. Ratcliff and I had a challenge to teach both graduate and undergraduate students with the large number of students. We have developed new assessment resources and a community engaged project. In addition to three exams and the final, graduate students had their final paper.
- In BIOS 2600 Genetics lecture, I have implemented a new way to add primary literature resources to the classroom and developed a semi-flipped model class, with active learning. This type of teaching shows to be the more efficient, especially in the short summer sessions.
- I have collaborated with Center for Teaching and learning, as a Teaching Scholar, STEM education grant, Faculty focus groups and contributed to the curriculum development in the School of Biological Sciences.
- In 2020, after the COVID-19 lockdown I have continued work in developing effective class resources for BIOS 4651 Bioethics (part of the “Brain Based Teaching” FLC). I have developed the approach on teaching Bioethics, by addressing main misconceptions in Medical and Research Ethics.
- Served as the LO (Learning Objective) Assessment Partner to the Serve Learn Sustain program.

VI. Research, Scholarship, and Creative Activities

A. Publications

Brockett, Mirjana, M. and Hull, Rebecca, W. (2024): Introducing the Sustainable Development Goals in Bioethics Class, University System of Georgia Conference. Book of Abstracts.

Milosevic Brockett, M. (2023): Remembering Prof. Wyatt Anderson. GENETIKA, Vol. 55 No3, 1007-1009

Milosevic-Brockett, M. (2022): "Service Learning in Bioethics Class" short abstract and presentation at the USG Teaching & Learning Conference.

Dejan Milatovic, Ramesh C. Gupta, Zhaobao Yin, Snjezana Zaja-Milatovic, Mirjana Milosevic Brockett and Michael Aschner. (2021). Ch. 56 “Neuroinflammation and Oxidative Injury in Developmental Neurotoxicity”. Pp. 1129-1141 Gupta/Reproductive and Developmental Toxicology, Third Edition. Elsevier/Academic Press (p. 1129-1141)

Snjezana Zaja-Milatovic, Mirjana Milosevic Brockett, Richard M. Breyer, Michael Aschner, Thomas J. Montine. (2021). Ch. 31 "Manganese" Pp.587-602 Gupta/Reproductive and Developmental Toxicology, Third Edition. Elsevier/Academic Press

Milosevic Brockett, Mirjana, and Angra, Aakanksha (2020): "Service Learning in an Upper-level Bioethics Course" (paper in preparation).

*Milosevic Brockett Mirjana (2016): Genetics Laboratory Manual, School of Biology, Georgia Institute of Technology Manuscript; 59 pages, published by the GT printing. 7th edition.

Milošević-Brockett M., and Stamenkovic-Radak M. (2015): "Diversity in origin and evolution" (Raznovrstnost u nastanku i trajanju). Monography of papers in honor of Dr. Marko Andjelkovic, general secretary of the Serbian Academy of Sciences and Arts. Publisher: Faculty of Biology, University of Belgrade. ISBN: 978-86-7078-124-5

Milošević-Brockett, Mirjana (2015): Alternative approaches in teaching and learning Evolutionary Biology. Alternativni pristupi predavanju i aktivnom učenju evolucione biologije. Pp. 203-216 (in the Monography "Raznovrstnost u nastanku i trajanju"). University of Belgrade Publication with the Serbian Academy of Sciences and Arts. Faculty of Biology, University of Belgrade. ISBN: 978-86-7078-124-5

*Milosevic Brockett Mirjana (2015) Genetics Laboratory Manual. School of Biology, Georgia Institute of Technology Manuscript; 57 pages, published by the GT printing

Milosevic Brockett, M. (2004). La enseñanza de la evolución, una perspectiva cristiana. (Teaching Evolution: a Christian Perspective. Pasajes, De pensamiento contemporaneo,14: 45-52

Milosevic Brockett, M. (2002). Relative effects of enzyme variability on fitness in *Drosophila*. Genetics, Ecology and Evolution, Monographs, Vol. VI (The Belgrade School of Evolutionary Biology): University of Belgrade. pp: 121-128.

Stojiljković, V., M.Milanović, M.Milošević, M.Andjelković and D.Marinković (1995): Adaptive significance of amylase polymorphism in *Drosophila*. X. Analysis of alpha-amylase activity of two amylase variants in individual *Drosophila subobscura* flies. Japanese Journal of Genetics, 70(4): 487-495.

Milosevic Brockett, W. Anderson and H. Alavi. (1994): The analysis of fertility using mtDNA marker in *Drosophila pseudoobscura*. Proc. Natl. Acad. Sci. USA. Vol 93. 3080-3082.

Serban N., and M. Milosevic Brockett (1992): A study of *Drosophila melanogaster* selected for different rate of development - egg chamber in late oogenesis. Arch. Biol. Sci., Belgrade, 44(3-4), 161-168.

Tucic, N., M. Milosevic, I. Gliksman and I. Aleksic (1991): The effects of larval density on genetic variation and covariation among life-history traits in the bean weevil (*Acanthoscelides obtectus* Say). Function Ecology, 5.

Milosevic, M., A. Moya, and F.J. Ayala (1991): Fertility and viability at the Sod locus in *Drosophila melanogaster*: Nonadditive and asymmetric selection. Genetical Research 57:267-272.

Milosevic, M., A. Moya, and F.J. Ayala (1990): Overcompensation as a mechanism for maintaining polymorphism: egg-to-adult viability in *Drosophila*. *Genetica* 82:183-187.

Milosevic, M.D. Bejakovic, and N. Tucic (1989): The genetic variation of life history traits and senescence in the bean weevil (*Acanthoscelides obtectus* Say). *Genetika*, Vol 21, No 2:141-146.

Milosevic, M., D. Marinkovic (1989): Activity of enzymes and fitness variation. *Genet. Sel. Evol.*, 21:17-32.

Milosevic, M. and D. Marinkovic (1988): Enzyme activity variation and density effect in *Drosophila melanogaster*. *Genet. (Life Sci. Adv.)* 7:115-119.

Tucic, N., M. Milosevic, D. Bejakovic, D. Cvetkovic, D. Milanovic and I. Petkovic (1988): Effects of differential extinction and deme size on the rate of population increase in bean weevil (*Acanthoscelides obtectus* Say). *Genetika*, Vol. 20, No. 3:299-311.

Milosevic, M., N. Tucic and D. Marinkovic (1987): Quantitative genetic variation, and selection of enzymatic activities in *Drosophila melanogaster*. *Zeit fur Syst. Evolution*, 26:217-224.

Milosevic, M. (1987) Individual phenotypic variation of *alpha-Gpd* and *Me* activity in *Drosophila melanogaster*. *Arch. Biol. Sci (Belgrade)*, 39:13-14

Milosevic, M. and D. Marinkovic (1987): Activity of enzymes in different species of the genus *Drosophila* *Arch. Biol. Sci (Belgrade)*, 39:7-8.

M. Stamenkovic-Radak, M. Andjelkovic, and M. Milosevic (1987): Adaptive significance of amylase polymorphism in *Drosophila*. II. The characteristics of polymorphism of alpha-amylase tissue-specific expression in *Drosophila subobscura*. *Arch. Biol. Sci (Belgrade)*, 39 (1-4):41-51.

Marinkovic, D., M. Milosevic and M. Milanovic (1986): Enzyme activity and dynamics of *Drosophila* development. *Genetica*, 70:43-52.

Marinkovic, D., M. Milosevic and M. Andjelkovic (1984): Enzyme activity variation and duration of preadult development in *Drosophila melanogaster* and *Drosophila subobscura*. *Arch. Biol. Sci (Belgrade)*, 36 (1-4):13-24.

Marinkovic, D., and M. Milosevic (1983): Mobility of *Drosophila subobscura* flies with different rates of their embryonic development. *Drosophila Information Service*, October: 76-77.

Milosevic M., M. Andjelkovic, and D. Andjelkovic (1982): A study of regulation of tissuespecific expression of alpha-amylase in *Drosophila melanogaster* and *Drosophila subobscura*. *Genetika*, Vol. 14, No. 3:249-256.

B. Other Publications and Creative Products

Montalbine, Alyssa and Brockett, Mirjana (2024): Reflecting on the Bioethical Implications of Artificial Intelligence through the United Nations' Sustainable Development Goals.

Brockett, Mirjana, M. and Hull, Rebecca, W. (2024): Introducing the Sustainable Development Goals in Bioethics Class, Poster Center for Teaching and Learning. March 24.

Milosevic-Brockett, M. (2022): "Service Learning in Bioethics Class" LIGHTNING LEARNING presentation at the USG Teaching & Learning Conference.

Milosevic Brockett, Mirjana, and Angra, Aakanksha (2020): "Integrating Service Learning into an Undergraduate Bioethics Class". SOTL Commons Conference on the Scholarship of Teaching and Learning. Abstract and poster presentation in Savannah, GA February (2020).

*Poster presentation at Celebrating Teaching Day at the Georgia Institute of Technology, March (2020).

Moya, A et al; one of the authors Milosevic, M. (2018): Harassment charges: Injustice done. Science. 361. Pp. 655-656

*Milosevic Brockett, M. (2013): Case Study Assignments in the Evolutionary Biology Course. Evaluation of the assignment effectiveness in student learning. CETL: Class of 1969 Teaching Scholars. Poster and Abstract. Celebrating Teaching Day, March 2013.

Milosevic Brockett M. (2012): Online Resources (Quizzes, Chapter Outlines, Activities) for Dugatkin & Bergstrom Evolution, I edition

Scott, Sia, Brockett, Fixsen and Lavitt (2011): Solutions Manual for Introduction to Genetic Analysis, 10th ed. W.H. Freeman and Company

*Milosevic Brockett, M. (2010): Enhancement of Teaching and Learning in Large Classes: Conceptual Tools and Plus program in Evolution Course. Poster at CETL, March 2010.

*Milosevic Brockett, M. and Kimble, J (2009): Mentoring and Advising through Student Organizations. Best Practices in Undergraduate Advising Meeting, June 2009. GTAAN Abstracts.

Milosevic Brockett, M. (2008): Strategies for teaching Genetics and Evolution more effectively. Genetics society of Serbia. IV Congress of The Serbian Genetic Society, Tara, June 1-5, 2009. Book of Abstracts I/7p

Milosevic Brockett, M. (2007): Biography of Wyatt Anderson for Serbian Academy of Sciences and Arts (Biografija Vajata Andersona za Srpsku Akademiju Nauka I Umetnosti), Beograd 2007, pp 2.

Milosevic, M., D. Bejakovic, and N. Tucic (1988): Grupna selekcija kod *A. obtectus*. IV Kongres Ekologa Jugoslavije, Ohrid. (Abstract)

Milosevic, M. (1987) Analiza regulacije gensko-enzimskih sistema *Drosophila melanogaster*. III Kongres geneticara Jugoslavije, Ljubljana: 129. (Abstract)

Milosevic, M. (1987) Enzimaska aktivnost i duzina preadultnog razvica kod razlicitih vrsta roda *Drosophila*. XVII Entomology meeting. (Abstract)

Milosevic, M., and D. Marinkovic (1986): Enzyme activity and variation of phenotypes in *Drosophila melanogaster*. XX Population genetics Meeting, Nottingham, GB. (Abstract)

Prolic, Z., M. Andjelkovic and M. Milosevic (1985): Brzina razvica *Drosophila melanogaster* u uslovima stalnog magnetnog polja od 320 mT. VII Kongres Biologa, Budva, Yugoslavia 1985. Book of Abstracts. Pp 17

Milosevic, M. (1985): Alloprocoptic selection and overcompensation at the Sod locus of *Drosophila melanogaster*. IX European Dros. Res. Conference, Balaton, Hungary. (Abstract)

Milosevic, M. (1984): Alpha-amylase and developmental polymorphism in *Drosophila subobscura*. III European Meeting on Population Genetics of *Drosophila subobscura*. Tubingen, Germany. Book of Abstracts. Pp: 15.

Milosevic, M., M. Stamenkovic-Radak, and M. Andjelkovic (1983): Varijabilnost tkivno specificne ekspresije alfa-amilaze i aktivnost enzima kod jedinki *Drosophila subobscura* gajenih na razlicitim medijumima. Savremena Populaciono-geneticka istrazivanja, Sarajevo. Book of Abstracts pp: 79-83.

Milosevic M., M. Andjelkovic, and D. Marinkovic (1981): Regulacija enzimske aktivnosti alfaamilaze i duzina razvica preadultnih stupnjeva kod *Drosophila subobscura*. II Kongres Geneticara Jugoslavije, Vrnjacka Banja. Izvod (Book of Abstracts 1): pp. 122.

C. Presentations

Sustainability Development Goals in Bioethics Education, March 2024

Teaching with the UN SDGs: A faculty-led introductory workshop for instructors, February 2024

*Short lecture on the "Service Learning in Bioethics Classes". Presentation at the Serve Learn Sustain campus partners meeting, April 2019

Video presentation with University of Belgrade, School of Biological Sciences, College of Science, on the Paradigmatic case studies. 2019

*Welcome at the GT Pre-Health Conference, 2007 to 2020

*Pre-Health advising and mentoring presentation at the AMSA networking. November 2019

*Brockett M. (2012): Speech & panel discussion on the Ethical Implications/ Social Justice in the "Immortal cells of Henrietta Lacks" a GT Freshman Reading choice for 2012.

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Milosevic Brockett, M. and Anderson, W.W. (2009): "Sex Ratio in *D. pseudodobscura*: evolutionary analysis of SR polymorphism". Plenary lecture/ IV International Congress of Geneticists, Tara, Serbia. June 2009.

Milosevic Brockett, M. (2005): Science and Religion. OCF Presentation in Atlanta: Lecture Synopsis October 2005.

Milosevic Brockett, M. (2004): Genetics and Religion: Language of DNA and Logos. Plenary lecture at the "VI International ontology congress: Logos. From Gene to Language: The State of Art)". San Sebastian, Spain. September 2004.

Milosevic Brockett, M. (2003): Christian Perspective on Evolution. UGA Honors lecture, April 2004.

Milosevic Brockett, M. (1994): Polymorphism of sex ration trait in *Drosophila pseudoobscura* Contributed papers in ASN; SMBE; SSB and SSE Joint Meeting, Athens, GA. 1994.

D. Grants and Contracts

Title: The Denning Global Engagement Seed Fund

Agency: The Office of the Vice-Provost for International Initiatives (VPPII) fund initiatives in global engagement. Costa Rica Study Abroad

Total Dollar Amount: 15,000

Role: co-Pi

2024-2025

Title of Project: Serve Learn Sustain mini grant (Summer 2019).

Agency/Company: Georgia Institute of Technology

Total Dollar Amount: 2000

Role: co-PI

Collaborators: Campus partners

Period of Contract: 7/1/2019 – 12/1/202

E. Other Scholarly and Creative Accomplishments

Reviewed and contributed to Evolution textbook resources:

2022: "Evolutionary Analysis" by Freeman and Herron. Book resources review.

2021: Evolution by Carl Bergstrom and Alan Dugatkin (3rd edition)

2020 Evolution: The Origins of Mechanisms of Diversity", by Johnathan Ballard

2019: Engagement in review of the Evolution and Genetics chapters, unpublished Philosophy of Science book, by Prof Scott Kleiner, UGA. 2020

Review of the new (4th) edition Bioethics book, by Vaughn. 2019

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Review of the new learning platforms for McGraw Hill publishing and the new edition resources of the Genetics textbook by Brooker. 2018

2017: Review of the manuscripts for the Genetics publications with Serbian Genetics Society

2015: Reviews of: "Size and symmetry of sex combs in *Drosophila melanogaster*" (Entomological Science) and of the "Long term dietary effects on fruit fly love story"

2013: Review of "Sexual selection, sexual isolation and pheromones in *Drosophila melanogaster* strains after long-term maintaining on different diets", Jelena Trajkovića, Dragana Miličića, Tatjana Savićb, Sofija Pavković-Luč

Milosevic Brockett Mirjana 2015: Biography note on Dr. Francisco Ayala, for the Frontiers of Science Lecture. September 9, 2015. Georgia Institute of Technology

Brockett M. (2013-2014): Contributions for "Evolutionary Analysis"; Freeman and Herron. 5th edition

Brockett M. (2012-2013): The Saylor Foundation: Online Course Development and writing contributions for Bio 305 Genetics and Bio 312 Evolutionary Biology

*Brockett M. (2011- 2013): Contributions to the GT Biology Newsletters

Brockett M. (2012-2013): Contribution to the Teachers Resources in Freeman, Quillin and Allison "Biological Science", V edition publication.

F. Societal and Policy Impacts

- Organized annual IOCC run walks and chaired and organized the IOCC International Orthodox Christian Charity run walk in Piedmont Park, 2010. Promoting awareness of other suffering in countries around the world and our duty to aid all Humanity.
- Secretary of the St. Peter and Paul Serbian Orthodox Church in Atlanta, GA. Service in the church counsel since 2015-present. Promoting political presence of Serbian community in the United States and educational work on our cultural and historic heritage.

VII. Service

A. Professional Contributions

- Visiting University of Belgrade annually and staying in touch several former colleagues/ members in the Serbian Academy of Sciences and Arts. Important for: teaching and scholarship, development of the Study Abroad Program on the Balkans, visitations of graduate students and research faculty to and from Serbia.
- 2020 SoTL Commons Conference, February 19-21, 2020, Savannah, GA

- Ferri B., Aladesanmi, A., Castro-Lacouture D, DeStefano L (Professor, Fuchs B, Girardot S, Kirkman B. Ludlum J, Milosevic-Brockett M, Phillips L, Poproski R, Shirolkar P, Webster (2019): Task Force on Teaching Effectiveness Final Report. Georgia Institute of Technology
- Strategic Planning for GT 2019
- 2019: Met with community leaders and presented Service-learning program workshop: Exploring Asset-Based Community Development.
 - Best Practices in Advising (GTAAN) June 2018
 - Institute Diversity: Best Practices (October 1, 2018)

B. Public and Community Service

- Engaged in the Atlanta community and meeting with Community GT partners, as part of the Serve Learn Sustain program at GT
- 2022-Present: AIOPA Charity Subcommittee member with broader impacts in the Atlanta community and beyond several accomplished projects.
- Presented on April 12th, 2019, in Community Engagement workshop, organized by GT SLS.
- Workshop on the Buford Highway corridor and found partners for GT student service 2018

C. Institute Contributions

2023-Present Community of Practice, United Nations Sustainable Development GT

2020-2021 CTL Focus group: Faculty Learning Community on Brain Based Teaching.
Poster at the CTL event in February 2020.

2016-2019 GT Faculty Executive Board Committee during a three-year term. This work includes the following:

- Statutes, Faculty Benefits and Computer ownership committees, as a member of the FEB. Attended their meetings and prepared FEB presentations for some of those meetings.
- Finalized the list of GT Ethical Values assigned to FEB.
- Contributed to CAR (Comprehensive Academic Review) project

2017-2018- GT Faculty Learning Community on Global Education

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2015- 2017 Georgia Tech Faculty Senate

2015: Search committee for the Director of the GT Pre-Health Advising

2013 - Present; Georgia Tech Center for Ethics