
Ian E. Munanura, Ph.D.

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Department of Forest Ecosystems and Society
College of Forestry
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EDUCATION

Ph.D. 2013

Parks, Recreation and Tourism Management (PRTM)

Clemson University, South Carolina, USA

Dissertation: Household Poverty Dimensions Influencing Forest Dependence in Protected Area Neighboring Communities in Africa and the Mitigation Potential of Tourism.

M.S. 2004

Tourism and Conservation

University of Kent, Durrell Institute of Conservation and Ecology (DICE), United Kingdom

Thesis: Market evaluation of tourism development opportunities for Nyungwe Forest National Park, Rwanda.

B.S. 2000

Management

University of Rwanda

Thesis: Information Technology as a tool for natural resources management, using the case of Nyungwe National Park, Rwanda.

ACADEMIC EXPERIENCE

Assistant Professor 2015 - Present

Department of Forest Ecosystems and Society

College of Forestry

Oregon State University, Corvallis, Oregon, USA

- Teaching graduate and undergraduate level courses: Communities, Natural Areas and Sustainable Tourism, Sustainable Tourism Planning, Integrated Conservation and Development. Mentoring students to conduct research and foster professional development.
- Conducting research and scholarship in sustainable tourism, resilience and wellbeing of families living in rural forest landscapes, integrated biodiversity conservation and human development.

Adjunct Professor 2013 - 2014

Department of Parks, Recreation and Tourism Management

Clemson University, South Carolina, USA

- Working with the Department of Parks, Recreation and Tourism Management, and the College of Health and Human Development at Clemson University to initiate and promote collaboration opportunities for conservation and tourism research and extension programs in East Africa.

Ph.D. Student and Teaching Assistant 2010-2013

Department of Parks, Recreation and Tourism

Clemson University, South Carolina, USA

- Worked with the Department of Parks, Recreation and Tourism Management to examine the relationship between Human livelihoods and Forest Dependence among poor households and the mitigation potential of tourism benefits.
- Assisted the Department of Parks, Recreation and Tourism Management at Clemson University in teaching undergraduate courses in Creative Inquiry (PRTM 298) and Conceptual Foundations of Parks, Recreation and Tourism Management (PRTM 220).
- Served as a teaching assistant for classes in Conceptual Foundations (PRTM 220) and Delivery systems (PRTM 221) for Parks, Recreation and Tourism Management (PRTM).

PROFESSIONAL EXPERIENCE

- Regional Coordinator** 2014
Forest Landscape Restoration Program
East and Southern Africa Region
International Union for Nature Conservation (IUCN),
- Started a regional Forest Landscape Restoration Program in Rwanda to provide strategic and operational support to the governments of Rwanda, Ethiopia, Uganda, Kenya, Tanzania, South Africa, Zimbabwe and Zambia, to restore degraded forest landscapes.
 - Initiated discussions with local administrators and farmers to integrate forest restoration in agricultural landscapes.
- Senior Ecotourism Advisor** 2014
USAID funded project promoting economic growth through sustainable tourism
Development Alternative Inc. (DAI), Rwanda
- Advised DAI to improve and advocate for policies that enable sustainable conservation and ecotourism in Rwanda. Supported DAI to improve government and private sector capacity to enhance ecotourism planning and management in Rwanda.
 - Provided technical guidance on the development of ecofriendly tourism infrastructure, including hiking-trail rehabilitation, construction of tourist facilities such as visitor accommodation and interpretive centers in and around Nyungwe National Park.
- Chief of Party** 2007-2010
USAID funded project promoting economic growth through sustainable tourism
International Resources Group (IRG), Rwanda
- Provided leadership, management, and oversight in the implementation, and monitoring of a US\$5 million USAID funded tourism and biodiversity conservation program in Nyungwe National Park.
 - Funded and promoted viable small and medium scale community enterprises and population health programs (HIV AIDS, reproductive health, and other community health issues) in the communities neighboring the protected area.
 - Led a team of four senior managers including foreign experts, 20 field staff and a consortium of three international organizations (Family Health International, International Resources Group and Wildlife Conservation Society) to implement the project.
 - Led the construction of the only canopy walkway in East Africa, and a modern interpretive center to improve tourism experience and destination competitiveness of Nyungwe National Park.
- Lead Consultant** 2007
Management Plan development for mountain gorilla tourism at Volcanoes National Park, Rwanda
International Gorilla Conservation Program (IGCP)
- Led a team of four experts to work with government officials to collaboratively develop a mountain gorilla tourism management plan for Volcanoes National Park.
- Deputy Chief of Party** 2006-2007
USAID funded project promoting economic growth through sustainable tourism
Wildlife Conservation Society (WCS), Rwanda
- Provided technical expertise in project planning, and in particular played a leading role in the implementation of programs promoting biodiversity conservation, community outreach and education, ecotourism and rural enterprise development.
 - Worked closely with subcontractors to coordinate multi-stakeholder activities.
- Country Director** 2005-2006
Wildlife Conservation Society (WCS), Rwanda
- Coordinated the conservation programs in Rwanda for the Wildlife Conservation Society.
 - Provided strategic guidance and leadership to a team of 70 employees, including 2 expatriates.

- Led the coordination of conservation activities in Rwanda, raised funding for conservation, coordinated relationships with the government and donor agency stakeholders.
- Initiated the trans-boundary collaboration efforts between Rwanda and Burundi for joint planning, conservation and monitoring of biodiversity in the Kibira-Nyungwe Landscape.
- Collaborated with colleagues in Uganda and Democratic Republic of Congo to design and implement studies on human dimension issues affecting biodiversity conservation in the Albertine Rift ecoregion.

Lead Consultant

2005

Biodiversity survey of Mukura Forest Reserve, Rwanda

- Led four teams of research assistants to investigate and document the biodiversity status of Mukura Forest Reserve after a decade of civil war and genocide. Recommendations were made to the government of Rwanda to recover wildlife populations and proposed an integrated management approach for the conservation of Mukura Forest Landscape.

Lead negotiator

2002- 2004

Nyungwe Forest Reserve to a National Park Status upgrade, Rwanda

- Led a team of technical experts to georeference and map the new park boundaries. Presented the report to the Government of Rwanda and secured the approval of the National Park status for Nyungwe Forest Reserve.

Co-Investigator

2003- 2004

Socio-Economic status of communities neighboring protected areas in Central Albertine Rift Ecoregion; Rwanda, Uganda and Democratic Republic of Congo).

- Participated in designing the study on the socio-economic status of communities living in proximity to protected areas in the Albertine Rift ecoregion and the conservation implications.

Facilitator

2001-2005

Bilateral transboundary collaboration to manage Kibira-Nyungwe Forest Landscape (Rwanda, Burundi).

- Initiated and led the collaboration efforts between Rwanda and Burundi to manage the conservation of the Kibira Nyungwe Forest Landscape. Facilitated joint planning meetings of government officials from Burundi and Rwanda. Secured funding to facilitate capacity building and joint ecosystem monitoring programs.

Working Group Member

2003-2005

Designing the strategy for Rwanda's tourism competitiveness

- Worked with leading tourism professionals in public and private sector to design a tourism road map for Rwanda to enhance its competitiveness within the East African region

Project Director.

2000-2003

Wildlife Conservation Society (WCS), Nyungwe National Park, Rwanda

- Coordinated day-to-day operations of the field research and conservation programs in Nyungwe National Park.
- Led a team of 60 forest rangers, and provided financial management oversight and logistical support for field programs (applied ecological research, ecotourism and community conservation programs).
- Provided government officials responsible for biodiversity conservation with technical expertise and support in protected area management issues, community wildlife conservation awareness strategies, sustainable tourism development, human and wildlife conflicts issues, and trans-frontier ecosystem management issues.
- Mobilized funding to support field programs.

PEER-REVIEWED PUBLICATIONS

Munanura, I. E., Backman K. F., Hallo, C. J. & Powell, B. R. (2016). Perceptions of tourism revenue sharing impacts on Volcanoes National Park, Rwanda: a Sustainable Livelihoods framework *Journal of Sustainable Tourism*. DOI: 10.1080/09669582.2016.1145228.

Backman K. F., & Munanura, I. E. (2015). Introduction to the special issues on ecotourism in Africa over the past 30 years. *Journal of Ecotourism*, 14 (2-3): 95-99.

Backman, K. F., & Munanura, I. E. (2015). Editors of Special Issue: Ecotourism in Africa Over the Past 30 Years. *Journal of Ecotourism*, 14(2-3): 95-287.

Munanura, I. E & Backman, K. F. (2015). Rwanda Tourism. In Jafari, J & Xiao, H (Ed.), *Encyclopedia of Tourism*. London, Springer International Publishing.

Munanura, I. E., Backman K. F., Moore, D. D., Hallo, C. J., & Powell, B. R. (2014). Household Poverty Dimensions Influencing Forest Dependence at Volcanoes National Park, Rwanda. An Application of the Sustainable Livelihoods Framework. *Natural Resources*, 5: 1031-1047.

Munanura, I. E., Backman, K. F & Sabuhoro, E. (2013). Managing tourism growth in endangered species habitats of Africa: Volcanoes National Park in Rwanda. *Current Issues in Tourism* 16(7): 700-718.

Munanura, I. E & Backman, K. F. (2012). Stakeholder Collaboration as a tool for Tourism Planning: A developing country's perspective. *Journal of Tourism* 13(1): 23-39.

Peter, P. F., Mulindahabi, F., Gakima, J. B., Masozera, M., Munanura, I., Plumptre, A. J. & Nguyen, N. (2007). Ranging patterns of *Colobus angolensis ruwenzorii*, in Nyungwe Forest, Rwanda. Possible cost of large group size. *International Journal of Primatology* 28(3): 529-550.

Santiago ML, Bibollet-Ruche F, Gross-Camp N, Majewski AC, Masozera M, Munanura I, Kaplin BA, Sharp PM, Shaw GM, Hahn BH. (2003). Noninvasive detection of Simian immunodeficiency virus infection in a wild-living L'Hoest's monkey (*Cercopithecus lhoesti*). *AIDS Res Hum Retroviruses* 19(12): 1163-1166.

MANUSCRIPTS IN REVIEW OR DEVELOPMENT FOR PUBLICATION

Sabuhoro, E., Wright, B., Munanura, I. E., Nibigira, C., & Nyakabwa, I. N. The potential of Ecotourism opportunities to generate support for mountain gorilla conservation among local communities neighboring Volcanoes National Park, Rwanda. Submitted to *Journal of Ecotourism*. This manuscript is in second review in the *Journal of Ecotourism* and should be published by the end of December 2016.

Munanura, I. E. & Tumwesigye, B. The perceptions of quality and the performance of community based ecotourism organizations at Nyungwe National Park, Rwanda: a Total Quality Management framework. This manuscript is in final stages of development and will be submitted to the *Journal of Tourism Analysis* by the end of June 2016.

Munanura, I. E., Backman K. F., Hallo, C. J. & Powell, B. R. The relationship between Poverty and Forest dependence: An inductive exploration of multiple stakeholder perceptions at Volcanoes National Park in Rwanda. This manuscript is being revised and will be submitted to a relevant journal by the end of August 2016.

Munanura, I. E., Backman K. F., Hallo, C. J., Powell, B. R & Moore, D. D. The Potential of Community Tourism Benefits to address Forest Dependence behavior of Poor Households in proximity to Protected Areas in Africa. The case of Volcanoes National Park. This manuscript is being revised, and will be resubmitted to the *Journal of Ecotourism* by the end of October 2016.

Munanura, I. E., Moore, D. D., & Backman K. F. Development and Validation of Household Poverty and Forest Dependence Relationship Measures –The HPFD Index. This manuscript is being revised for resubmission to the *Journal of Conservation and Society* by the end of December 2016.

Munanura, I. E., & Arnold, M. Family resilience model for examining human wellbeing in rural forest landscapes. We are developing this manuscript based on the review of literature on human livelihoods and wellbeing. We aim to have it submitted to the *Journal of Research in Human Ecology* by the end of February 2017.

PRACTITIONER PUBLICATIONS

- Munanura, I. E. (2014). Tourism as a tool for conservation of mountain gorillas in the Albertine Rift. Final grant report. United States Fish and Wildlife Service report. Washington DC. USA.
- Munanura, I. E. (2010). Tourism, biodiversity conservation and rural enterprise development. Project closeout report. United States Agency for International Development, Rwanda.
- Munanura, I. E. (2009). Tourism infrastructure development for Nyungwe National Park. United States Agency for International Development, Rwanda.
- Munanura, I. E. (2009). Tourism, biodiversity conservation and rural enterprise development in Nyungwe National Park. Annual report, United States Agency for International Development, Rwanda.
- Munanura, I. E. (2008). Environmental rural-based enterprise development in Nyungwe National Park, United States Agency for International Development, Rwanda.
- Munanura, I. E. (2008). Tourism, biodiversity conservation and rural enterprise development in Nyungwe National Park. Annual report, United States Agency for International Development, Rwanda.
- Munanura, I. E. (2007). Tourism Impact Monitoring Plan for Nyungwe National Park, Rwanda Development Board.
- Munanura, I. E. (2007). Tourism Management Plan, Volcanoes National Park, International Gorilla Conservation Program, Rwanda.
- Munanura, I. E. (2007). Tourism, biodiversity conservation and rural enterprise development in Nyungwe National Park. Annual report, United States Agency for International Development, Rwanda.
- Munanura, I. E., Nsengiyunva, B. & Mulindahabi, F. (2006). The Biodiversity Survey of Mukura Forest, Wildlife Conservation Society, Rwanda.
- Masozero, M., Forrest, J., Munanura, I. E., Blondel, N & Rugerinyange, L. (2005). A multi-criteria approach to protected area zonation in Nyungwe National Park, Rwanda. Wildlife Conservation Society, Rwanda.
- Munanura, I. E. (2005). The Management Plan for Nyungwe National Park, 2005-2010. Wildlife Conservation Society, Rwanda.
- Munanura, I. E. (2005). Ecotodge development guidelines for Nyungwe National Park. Wildlife Conservation Society, Rwanda.
- Plumptre, A.J., Kayitare, A., Rainer, H., Gray, M., Munanura, I. E., Barakabuye, N., Asuma, S., Sivha, M., & Namara, A. (2004). The socioeconomic status of people living near protected areas in Central Albertine Rift, Albertine Rift Technical Series, 4. 127pp.
- Munanura, I. E. (2003). Nyungwe Forest National Park boundary and status upgrade report for the Government of Rwanda. Wildlife Conservation Society, Rwanda.

SELECTED PRESENTATIONS

- Munanura, I. E. (2015). Using Total Quality Management framework to examine the influence of quality improvement on performance of community based ecotourism organizations at Nyungwe National Park, Rwanda. The International Ecotourism Conference, Tampa Florida, January 25, 2016.
- Munanura, I. E. (2015). Models of community based ecotourism and potential for success. The International

Ecotourism Conference, Tampa Florida, January 25, 2016.

Munanura, I. E. (2014). Forest Landscape Restoration Assessment Opportunity. Conference on ecosystems conservation and restoration in East and Southern Africa. Convention on Biological Diversity, Livingston, Zambia, May 12-16, 2014.

Munanura, I. E. (2014). Forest Landscapes Restoration Opportunities in East Africa. Landscapes for People, Food and Nature in Africa Conference. World Agroforestry Centre, Nairobi, Kenya, July 1-3, 2014.

Munanura, I. E. (2014). Forest Landscape Restoration Assessment Opportunity for Uganda. Forest Landscape Restoration, International Union for Nature Conservation, Kampala, Uganda, May 3-7, 2014

Marion, R., De Lulio, E., Eldarbag, A & Munanura, I. E. (2013). The Influences of Dynamic Networks on Determining Educational Leadership Dissertation Topics. Annual Eastern Educational Research Association Conference. Sarasota, Florida, USA, February 20-23, 2013.

Munanura, I. E., Marion, R. & Backman, K.F. (2013). Examining a selective approach to Stakeholder Collaboration in Tourism using the case of Mountain Gorilla Tourism in Rwanda: A Complexity and Network Analysis theories Approach. Atlas Africa Conference, Kigali, Rwanda, June 3-5, 2013

Munanura, I. E., Backman, F.B & Sabuhoro, E. (2012). Managing tourism growth in endangered species habitats in Africa: The case of Volcanoes National Park, Rwanda. College of Higher Education and Human Development, Research Forum, March 2012.

Munanura, I. E. (2008). Ecotourism as a tool for Biodiversity Conservation, Rwanda's experience. Tourism Philanthropy Conference Arusha, Tanzania, December 3-5, 2008.

Munanura, I. E. (2008). Nature Based Tourism as a tool for Biodiversity Conservation and Economic Growth in Developing Countries. International Resources Group, Brown bag, August 2008.

Munanura, I. E. (2005). National Strategy for Biodiversity Conservation and Sustainable use of Resources in Rwanda. Wildlife Conservation Society Symposium, Kampala, Uganda, September 2005.

Munanura, I. E. (2002). Application of GIS in wildlife monitoring. Wildlife Conservation Society Symposium, Nairobi, Kenya, June 21, 2002.

Munanura, I. E & Kayitare, A. (2001). Opportunity for Bioprospecting in Rwanda. Center for Energy, Environment, Science and Technology, Dar Es Salaam, Tanzania, August 2001.

Munanura, I. E. (2001). Governance and Policy Challenges for Conservation in Africa. Wildlife Conservation Society Symposium. Mombasa, Kenya, May 2001.

TEACHING EXPERIENCE

Oregon State University, USA

Instructor

Communities, Natural Areas and Sustainable Tourism (FES 354)
Winter 2016 (1 hour and 20 minutes class)
Enrollment: 33 undergraduate students

Instructor

Sustainable Tourism Planning (FES 457)
Planned for Fall 2016 (1 hour and 20 minutes class)

Instructor

Integrated Biodiversity Conservation and Human Development

A class proposed for graduate students
Could be offered in Spring 2017.

Clemson University, USA

Instructor

Conceptual Foundations of Parks, Recreation and Tourism Management (PRTM 220)
Semester Taught: Fall 2012 (50 minutes class, twice a week)
Enrollment: 24 undergraduate students

Instructor

Creative Inquiry (PRTM 298)
Semester Taught: Fall 2013 (2 credit class, once a week)
Enrollment: 8 undergraduate students

Teaching Assistant

Conceptual Foundations of Parks, Recreation and Tourism Management (PRTM 220)
Semester Taught: Spring 2011 (50 minutes, twice per week)
Enrollment: 20 undergraduate students

Teaching Assistant

Delivery Systems for Parks, Recreation and Tourism Management (PRTM 221)
Semester Taught: Fall 2011: (50 minutes class, twice a week)
Enrollment: 20 undergraduate students

GRADUATE STUDENTS

2016: Ms. Molly Arnold (Masters student from United States). Fall 2016 Enrollment
2016: Ms. Rika Dewi Sandra (Masters student from Indonesia). Fall 2016 Enrollment
2016: Mr. Louis Rugerinyange (Masters student from Rwanda). Fall 2016 Enrollment

INVITED LECTURES

2016: Advancing biodiversity conservation objectives in poor communities neighboring natural areas in Africa.
Professor Norman K. Johnson's class on Managing Natural Resources for the Future, College of Forestry, Oregon State University.

2015: Engaging Rural Communities for Sustainable Biodiversity Conservation in Rwanda-Post 1994 Genocide experience noon. Hosted by Oregon State University Africa Initiative for Diversity & Cultural Engagement, Lonnie B. Harris Black Cultural Center, Oregon State University.

2015: Pursuing education from economically challenged background- lessons learned from my personal experience. Presented to the OSU Junior students in Science Technology, Engineering and Mathematics, at the Invitation of the Louis Stokes Alliance for Minority Participation, Oregon State University.

SERVICE TO THE PROFESSION

2016: Associate Editor for the Journal of Ecotourism
2015: Co-editor, special issue for the Journal of Ecotourism
2015: Invited to review 7 manuscripts for the Journal of Ecotourism
2015: Invited to review 1 manuscript for the Journal of Human Dimensions of Wildlife
2015: Invited to review 1 manuscript for the Journal of Sustainable Tourism
2015: Invited to review 1 manuscript for the Journal of Global Agriculture and Ecology
2015: Invited to review 1 manuscript for the Journal of Global Economics, Management and Business

SERVICE TO OREGON STATE UNIVESITY

Oregon State University:

2015-2016: Graduate Faculty for the Graduate School

2015-2016: Graduate Faculty for the Environmental Arts and Humanities Initiative

College of Forestry:

2016: Search Committee Academic Advisor for the College of Forestry

2016: Sub-Committee for Diversity and Inclusion

2015: Member of Faculty on Graduate Student Orientation program at HJ Andrews Experimental Forest

Forest Ecosystems and Society Department:

2015: Search Committee for the Assistant Professor in Outdoor Recreation

2015: Committee for Faculty Mentoring Policy

2015: Committee for Jesse Engbretson's Preliminary Oral Examination Committee for Doctoral Degree.

SERVICE TO OREGON COMMUNITY

2015-2016: Board Member, South Santiam All Lands Collaborative

2015-2016: Adjunct Faculty, Wallowa Resources Institute

2015-2016: Volunteer, Adams Elementary School, Corvallis

2015-2016: Volunteer, Gracecity Church, Corvallis

AWARDS AND HONORS

- Outstanding Graduate Student (2014), Department of Parks, Recreation and Tourism Management Department, Clemson University, SC, USA.
- Graduate Student of Excellence (2014), College of Higher Education and Human Development, Clemson University, SC, USA.
- Research Fellowship (2012), Wildlife Conservation Society, NY, USA.
- Graduate Teaching and Research Assistantship (2010-2013), Department of Parks, Recreation and Tourism Management Department, Clemson University, SC, USA.
- Chevening Scholarship (2003), British Council, UK.
- Bachelors Degree with Distinction (1999), Rwanda.

SCHOLARSHIP FUNDING

2016-2021: Examining the resilience and well-being constraints of rural households in Oregon's Northwest Forest Plan region, and the remedial potential of ecotourism and recreation. A McIntire-Stennis proposal submitted to the National Institute of Food and Agriculture (\$200,000). Ian Munanura: Principle Investigator. This proposal was reviewed and approved for funding.

2016-2017: Examining the resilience and well-being constraints of rural households in Oregon's Northwest Forest Plan region, and implications for the Forest Service strategic objective of providing benefits to the public. Joint Venture Agreement with the USDA Forest Service (\$31000). Ian Munanura: Principle Investigator, Jeffrey Kline: Co-Investigator. This proposal was approved for funding.

2016-2017: Establishing standards of quality indicators, and monitoring the use and distribution of recreation at McDonald-Dunn Forest. Proposal funded by the College of Forestry, Oregon State University College Forests (\$30,000). Principle Investigator: Ian Munanura, Co-Investigators: Ryan Brown, and Ashley D'Antonio. This proposal was approved for funding.

2015: Developing standards of quality for recreation experiences to guide the management of McDonald-Dunn Forest. Proposal submitted to the Agricultural Research Foundation (\$12,499). Principle Investigator: Ian Munanura,

Co-Investigator: Ryan Brown. This proposal was not funded.

2015: Building resilient communities and ecosystems through innovative research on community based tourism, sustainable livelihoods and collaborative governance. Proposal submitted to the Institute of Working Forest Landscape, College of Forestry, Oregon State University (\$150,000). Principle Investigator: Ian Munanura. This proposal was not funded.

2015: Evaluating critical relational networks and opportunities for stakeholder collaboration in Greater Virunga Transboundary Partnership Framework for Rwanda, Uganda and Democratic Republic of Congo. Institute of Parks, Clemson University (\$10,000). Principle Investigator: Ian Munanura. Co-Investigator: Kenneth Backman. This proposal was one of the two finalists, but was not funded.

2013: Tourism as a tool for conservation of mountain gorillas in the Albertine Rift, the case of Volcanoes National Park, Rwanda. United States Fish and Wildlife Service, Great Apes Conservation Fund (\$30,638). Ian Munanura: Co-Investigator, Kenneth Backman: Principle Investigator.

2013: Household Livelihoods and Forest Dependence relationship at Volcanoes National Park, Rwanda Wildlife Conservation Society, Research Fellowship Program (\$6000). Ian Munanura: Principle Investigator.

2003: Socio-economic study of communities neighboring protected areas in the Albertine Rift ecoregion. MacArthur Foundation (\$30,000). Ian Munanura: Co-Investigator, Anecto Kayitare: Co-Investigator, Andrew Plumptre: Principle Investigator.

APPLIED FUNDING

2006: Conservation of Chimpanzees in the Congo Nile divide forests of Rwanda and Burundi. United States Fish and Wildlife Service, Great Apes Conservation Fund (\$82,527). Ian Munanura: Project Team Leader, Graeme Patterson: Team Member, Bill Weber: Team Member, Beth Kaplin: Team Member.

2006: Promoting economic growth through sustainable biodiversity conservation and tourism. United States Agency for International Development (\$5,100,000). Ian Munanura: Project Design Team Member and Implementation Leader, Glen Anderson: Project Design Team Leader, Bill Weber: Project Design Team Member, Graeme Patterson: Project Design Team Member.

2004: Management Strategy for the Conservation of Elephants in the Akagera National Park, Rwanda. United States. Fish and Wildlife Service, African Elephant Conservation Fund (\$30,000). Ian Munanura: Project Implementation Leader, Beth Kaplin: Project Design Team Member, Michel Masozera: Project Design Team Member, Graeme Patterson: Project Design Team Leader.

2002: Improving capacity for the management of Kibira-Nyungwe Transboundary landscape. MacArthur Foundation (\$54,000). Ian Munanura: Project Design Team Member/Implementation Team Leader, Andrew Plumptre: Project Design Team Leader.

GRADUATE STUDENT FUNDING

2016: Louis Rugerinyange. Funding was negotiated from the Wildlife Conservation Society Fellowship Program to support two years of Mr. Rugerinyange's Graduate Research Assistantship in the Department of Forest Ecosystem and Society (\$36,000).

2016: Molly Arnold. Funding was obtained from the OSU Research Forests, as part of the research project, which will support MS. Arnold's Graduate Research Assistantship for one year in the Department of Forest Ecosystems and Society (\$18,092).