

CURRICULUM VITAE

James F. Casey

Williams School of Commerce, Economics, and Politics,
Washington and Lee University, Lexington, VA 24450
Telephone: (540) 458-8102, Fax: (540) 458-8639
E-mail: CaseyJ@wlu.edu, <http://home.wlu.edu/~caseyj>

EDUCATION

- Ph.D., North Carolina State University, Raleigh, NC, 2001.
Dissertation: "Examining the Adoption of Agroforestry In Southeastern Mexico: Three Essays from a Survey with Farmers in Calakmul, Campeche." (*Funded through United States Forest Service International Grant*)
- M.S., North Carolina State University, 1994, (*Outstanding Thesis Award*).
- B.A., Washington and Lee University, 1991.

EMPLOYMENT

- Associate Professor of Economics (with tenure), Washington and Lee University, 2007-
- Adjunct Professor of Economics, University of North Carolina-Wilmington, 2007-
- Assistant Professor of Economics, Washington and Lee University, 2001-2007.
- Core Faculty, Program in Environmental Studies, Washington and Lee University, 2005-
- Affiliate Faculty, Shepherd Program for the Interdisciplinary Study of Poverty, Washington and Lee University, 2005.
- Affiliate Faculty, Latin American and Caribbean Studies Program, Washington and Lee University, 2010-
- Visiting Assistant Professor of Resource Economics, Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, NC, Fall 2004.
- Research Associate, Cooperative Tourism Research Center, North Carolina State University, 2004.
- Visiting Assistant Professor of Economics, Washington and Lee University, 1998-2001.
- Economist, International Center for Research in Agroforestry, Chetumal, QR, Mexico, 1997.
- Associate Economist, Research Triangle Institute, RTP, NC, 1996.
- Teaching Assistant, North Carolina State University, Raleigh, NC, 1995.

FIELDS OF SPECIALIZATION

Environmental Economics, Development Economics, Sustainable Development

PEER-REVIEWED PUBLICATIONS

The Interdisciplinary Approach to Teaching Economics, 2011. Arthur Goldsmith and James F. Casey, in The International Handbook on Teaching and Learning Economics. Edward-Elgar Press.

Economic Considerations for Marine EBM and EAF in the Caribbean, 2010. Peter Schuhmann, Juan Carlos Seijo, and James Casey, in Toward Marine Ecosystem-Based Management in the Wider Caribbean. Amsterdam University Press, isbn 9089642420.

"Are tourists willing to pay additional fees to protect corals in Mexico?" (with Chris Brown and Pete Schuhmann) *Journal of Sustainable Tourism* 18:4

May 2010.

The Value of Coral Reef Quality to SCUBA Divers. (with Pete Schuhmann and Hazel Oxenford). Proceedings of the 11th International Coral Reef

Symposium, Ft. Lauderdale, Florida, 7-11 July 2008

A preservação ambiental é um bem de luxo? Um estudo sobre o valor de ecossistemas de várzea na Amazônia, 2008. Alexandre Rivas, James F. Casey and

James R. Kahn, in Valoração e instrumentos Economicos aplicados au Meio Ambiente: Alternativas para Proteger a Amazonônia, A. Rivas, C.E.

Freitas and R.R. Mourão, eds, Manaus: Instituto PIATAM isbn 978-86-68684-10-5, pp 79-88.

"Willingness to Accept Compensation for the Environmental Risks of oil Transport on the Amazon: A Choice Modeling Experiment." (with Jim Kahn and Alex Rivas) *Ecological Economics*, 2007.

"Willingness-to-Pay for improved water service in Manaus, Amazonas, Brazil." (with Jim Kahn and Alex Rivas) *Ecological Economics*, 2006.

Choice Modelling as an alternative to Contingent Valuation for valuing multi-attribute systems: A case study of farmer preferences for agroforestry in Mexico. The Handbook of Contingent Valuation. Eds. Alberini, Bjornstad, and Kahn. Edward Elgar Publishing, 2004.

Agroforestry Adoption in Mexico: Using Keynes to Better Understand Farmer Decision-making. *Journal of Post-Keynesian Economics*, Spring 2004, Vol.26, No.3.

Partners in Forest Conservation: “Willingness-to-Work” (WTW) to Protect Local Forest Resources in Calakmul, Campeche, Mexico. *Problemas del Desarrollo: Revista Latinoamericana de Economía*, 34 (135), 2003. (nominated for the “Maestro Jesus Silva Herzog” award for the best article of 2003).

Information and the Subsistence Farmer’s Decision to Deforest in Latin America, (with Caviglia-Harris, J.L., Kahn, J.R., and Rivas, A.) *International Journal of Sustainable Development*, 5 (4), 2002.

The Economic Value of Hiking: Further Considerations of Opportunity Cost of Time in Recreational Demand Models. (with Tom Vukina and Leon Danielson), *Journal of Agricultural and Applied Economics*. 27 (2), December 1995: 658-668.

OTHER PUBLICATIONS

“For the sake of the economy, regulate greenhouse gases,” Roanoke Times, January 6, 2011.

Economic Valuation of Natural Resources. Training Module developed for Socio-economic Monitoring for Caribbean Coastal Management (SocMon Caribbean), (with Peter W. Schuhmann) Summer 2008.

"Believe It or Not, What We Need Now are Higher Gas Prices," *The Economists' Voice*: Vol. 3: No. 7, Article 6. 2006. Available at: <http://www.bepress.com/ev/vol3/iss7/art6>

Protecting The Environment For The Sake Of Protecting The Environment: Evidence Of Existence Value From The Ribierinho Communities Of Amazonas, Brazil . (with James Kahn and Alexandre Rivas). *Proceedings of the Environmental and Resource Economists (CD-ROM), 3rd World Congress* . Kyoto, Japan , 3 – 7, July 2006.

Estimativa de valor de não-uso dos recursos ambientais na área de atuação da Petrobras na Amazonia, (com Rivas e Kahn) em Anais 2005, Premeiro Congresso Internacional PIATAM-Ambiente, Homem, Gás e Petróleo, Estimation of the non-use value of environmental resources in the area of Petrobras activity in Amazonia (with Rivas and Kahn), *Annals of the First International Congress of PIATAM: The Environment, Humans, Gas and Petroleum*, Rivas and Carvalho (eds.) ISBN 85-7401-207-6, 2005.

The Value of Riparian Forest Buffers in the Chesapeake Bay Watershed: An Economic Framework for Policy- making. Economics and the Chesapeake Bay Workbook Series. National Oceanic and Atmospheric Administration, 2004.

“The Mystery of the Jobless Recovery Revisited,” Correspondent of the day, *Richmond Times-Dispatch*, Sept. 29, 2003.

Deforestation and Agroforestry Adoption in Tropical Forests: Can We Generalize? Some Results fromCampeche, Mexico and Rondônia, Brazil. (With Jill Caviglia), *Proceedings of Western Agricultural Economics Association Annual Meetings*, Vancouver, British Columbia, June 29-July 1, 2000.

Farmers' Willingness to Invest in Agroforestry in Campeche, Mexico: Does Human Capital Matter? (With Evan Mercer & Ann E. Snook), *Proceedings of Southern Forest Economics Workgroup*, Biloxi, MS. April 1999.

Evaluating Farmer Preferences for Agroforestry Systems: Survey Instrument Design. (With Evan Mercer & Ann E. Snook), *Proceedings of Southern Forest Economics Workgroup*, Williamsburg, VA. July 1998.

US/Mexico Agroforestry Development Project, Phase II: Assessing Agroforestry Adoption in SE Mexico. Final Report, December 1998.

Sustainable Forest Management Certification: An Economic Framework for Policy Analysis. Final Report, (With Brian Murray), Center for Economics Research, Research Triangle Institute, under cooperative agreement with US EPA, Office of Policy Development. March 1998.

The Economics of Forest Certification: Industry Profile. Final Report, (With Brian Murray), Center for Economics Research, Research Triangle Institute, under cooperative agreement with US EPA, Office of Policy Development. March 1997.

Sustainable Tourism Development in the Adirondacks: Using the Internet to Empower Local Communities. (With Stephen Bond & Gene Brothers), *Proceedings of Northeast Recreation Research Conference*, Lake George, NY. March 1996.

An Evaluation of Boating Use at Hyco and Mayo Lakes. (With Chris Siderelis), Final report to Carolina Power and Light, October 1995.

CURRENT RESEARCH (Working Papers)

Using Choice Experiments to Determine Farmer Preferences for Streamside Exclusion in Rockbridge County, VA." (with Robert Humston)

How Much are Tourists Willing to Pay for Beach Amenities? – Evidence from a Choice Modelling Experiment in Barbados (With Pete Schuhmann), *In preparation for Ocean and Coastal Management*.

The Economic Value of Marine Biodiversity to Recreational SCUBA Divers in Barbados (with Pete Schuhmann, Julia Horrocks and Hazel Oxenford), *In preparation for Journal of Environmental Management*.

Understanding Tourist Perceptions of Coastal and Marine Quality and the Decision to Return: Evidence from Barbados (with Pete Schuhmann), *In preparation for Tourism Management*.

Willingness to pay to avoid crowding at dive sites (with Pete Schuhmann and David Gill), *In preparation for Special Issue of Tourism in Marine Environments*.

Helping students to “think like economists”: A case study using service-learning to study poverty in an undergraduate development economics course. *In preparation for Journal of Economic and Finance Education*.

What Motivates a Tourist to contribute to coral conservation?

Energy and Climate Change: An Interdisciplinary Approach to Energy Acquisition and Dissipation

GRANTS

R.E. Lee Summer Research Grant, 2011.

Mellon Trajectory Grant for Sabbatical Support, 2007.

Nasdaq-Suntrust International Education Grant, 2004, 2007, 2011.

Washington & Lee University Summer Glenn/Lenfest Grant, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011.

Global Stewardship Program, Curriculum Development Grant, 2002, 2005.

National Oceanic and Atmospheric Administration – Understanding and Measuring the Economic Benefits of the Chesapeake Bay (contract # 40AANA1A4120), September 2001 - December 2003.

Associated Colleges of the South - curriculum development grant, “Environmental Quality and the Economy in the Mexican Caribbean,” July 2002.

Dupont Environmental Studies Program Grant, “Valuing the Mesoamerican Barrier Reef Ecosystem,” Summer 2002.

Washington & Lee University Curriculum Development Grant - funds to develop the first Environmental Studies Capstone Course, Summer 1999.

The North Carolina Nature Conservancy - funds to collect data for M.S. Thesis, 1993.

FELLOWSHIPS and AWARDS

Faculty Fellow, Marine Biological Lab, Woods Hole, MA, 2011

ODK – James G. Leyburn Award for Exemplary Community Service, 2010.

UNCW teaching recognition award 2007-2008

“Maestro Jesus Silva Herzog” Nominee for the best article of 2003, *Problemas del Desarrollo: Revista Latinoamericana de Economía*

Correspondent of the day, *Richmond Times-Dispatch*, Sept. 29, 2003.

Virginia Foundation for Independent Colleges Mednick Fellowship, 2003.

UNC-Duke Latin American Studies Program, Workshop Fellow - June 2001.

United States Forest Service International Fellowship, July 1997- March 1998.

North Carolina State University, Department of Agricultural Economics, Outstanding Thesis Award, 1994.

INVITED PRESENTATIONS

Off Campus

The Economic Value of Marine Biodiversity to Recreational SCUBA Divers in Barbados. *Marine Biological Lab, Woods Hole, MA. September 2011*

Valuing the Chesapeake, Mount Vernon, VA. May 2009

Ethanol Tradeoffs. *Environment Virginia '08, Lexington, VA, April 2008*

Rethinking the Costs and Benefits of Biofuels. *Commonwealth of Virginia Energy and Sustainability Conference, Lexington, VA, October 2007.*

“Willingness to Pay for Coral Preservation in the Riviera Maya.” *Centro Ecologico Akumal,* Akumal, QR, Mexico, May 2005.

“Using Service Learning in a Development Economics Course: A Case Study.” *Academy of Economics and Finance – Teacher Training Program, Myrtle Beach, S.C. , February 2005.*

“Opportunities for sustainable development in central America.” , *Cherokee Fund Investments, Raleigh, NC, December 2004.*

“Relating to the poor: using service learning to teach undergraduate development economics,” *Wilmington NC, October 2003.*

“Valuing Water Quality Improvements in Rockbridge County, VA” – *UNC-Wilmington, Department of Economics Seminar, October 2001.*

Further Considerations of The Opportunity Cost of Time in Recreational Demand Models. Department of Economics Lecture Series, Washington & Lee University, January 1996.

The Economic Value of Hiking: A Travel Cost Analysis of The Grandfather Mountain Wilderness Preserve. Resource and Environmental Economics Program Seminar, North Carolina State University, October 1994.

On Campus

Pricing the Priceless: Economic Valuation of Coastal and Marine Resources in Barbados and Mexico, *Department of Economics Seminar Series, May 2011.*

Energy, Air Pollution and Climate Change. *Economics of Social Issues, Guest Lecture, March 2011.*

Conducting Interdisciplinary Research in Environmental Studies. *Environmental Studies Capstone, Guest Lecture, January 2011.*

Honor Institute Talk, May 2010

Global Hunger: Are Biofuels to Blame? Hunger Week Seminar Series, Feb 2010.

Alumni College, Guest Lecture, May 2009.

Food or Fuel: Issues in Biofuel Development, *Economics of Social Issues, Guest Lecture, March 2009.*

The Economy and the Environment, *Tom Wolfe Weekend, March 2009.*

Can We Please Have a Gas Tax? *Climate Forum, W&L Law School, February 2009.*

An Introduction to Environmental Economics, *Environmental Studies class, Guest Lecture, October 2008.*

Understanding Tradeoffs in Biofuel Development. *Washington and Lee University, Biofuels Seminar, May 2008.*

Ethanol Schmethanol or Thinking about the Tradeoffs Associated with Biofuel Development. *UNC-Wilmington, Guest Lecture, October 2007.*

“Inequality at Home and Abroad,” *NYC Spring term Program April 2006.*

“What is an environmental economist?” *Environmental Studies Capstone, Guest Lecture, January 2006.*

“The Mesoamerica Environment-Development Project,” *US-Brazil Consortia, March 2005.*

“Inequality at Home and Abroad,” *Alumni College, July 2005.*

“How much will tourists pay to protect corals: Evidence from the Yucatan Peninsula,” *Economics Seminar, September 2005.*

“Integrating Teaching and Research: A Field Experience for Students in Mexico,” *Environmental Studies Lecture Series, October 2005.*

“Coastal Ecosystems” *Environmental Studies Capstone, Guest Lecture, January 2004.*

“The potential for ecotourism in Mexico” *Environment in Developing Countries Guest Lecture, May 2004.*

Overview of Teaching Economics Workshop, *Economics Department Seminar, April 2004.*

Service learning in the Economics Department, *Shepard Program Seminar, April 2004.*

Examining the Adoption of Agroforestry in Southeastern Mexico: Three Essays from a Survey with Farmers in Calakmul, Campeche, Mexico, *The Environmental Studies Program Lecture Series, Washington & Lee University, February 2002.*

:

“Trade and Poverty,” *Interdepartmental 101, Guest Lecture, May 31, 2002.*

“Trade and Poverty,” *Interdepartmental 101, Guest Lecture, December 4, 2002.*

Developments in the Economics Department – presented to the *Shepard Poverty Program Alumni Advisory Committee on November the 2nd, 2001.*

Conjoint Analysis of Farmer Preferences for Agroforestry Systems in Calakmul, Campeche, Mexico. Guest Lecturer, Senior Capstone Course, *Department of Economics, Washington & Lee University: February 2000.*

Agroforestry Adoption: Does Human Capital Matter? *Guest Lecturer, Senior Capstone Course, Department of Economics, Washington & Lee University: February 1999.*

Valuing Nature: Alternative Valuation Methods in Economics. *The Environmental Studies Program Lecture Series, Washington & Lee University, November 1998.*

CONFERENCE PRESENTATIONS

The Value of Coastal Resources in Barbados: Tourists Perceptions and Preferences. 1st International Tourism Conference, University West Indies-Cave Hill, St. Michael, Barbados, December 2009, (with Pete Schuhmann)

How Much are Tourists Willing to Pay for Beach Amenities? – Evidence from a Choice Modelling Experiment in Barbados. Northeast Agricultural and Resource Economics Association, June 2009, Burlington VT

Valuing Riparian Buffers in the Chesapeake Bay Watershed. Southern Forest Economics Workshop, March 2009, Chapel Hill, NC

The Value of Coral Reef Quality to SCUBA Divers. (with Pete Schuhmann and Hazel Oxenford). 11th International Coral Reef Symposium, Ft. Lauderdale, Florida, 7-11 July 2008

What Motivates a Tourist to contribute to coral conservation?, Southern Economic Association, November 2006, Charleston, SC.

Why I attend Teaching Workshops: And You Should Too. UNCW, October 2006, Wilmington, NC.

Willingness to pay for coral protection in Mexico. Southern Economic Association November 2005, Washington D.C.

Service Learning and Poverty. Academy of Economics and Finance, February 2005.

The Meso-American Environment Development Project: Integrating Research, Teaching and Service Learning. AERE/SCREE Session at SEA Annual Meetings, November 2003, San Antonio, TX

Indigenous Perspectives on Ecosystem Services: Petroleum Transportation on the Amazon River. (with Jim Kahn and Alex Rivas), AERE/SCREE Session at SEA Annual Meetings, November 2003, San Antonio, TX

The Potential for Nature-Based Tourism in Southern Quintana Roo, Mexico. United States Society of Ecological Economics, Saratoga, NY, May 2003.

Willingness-to-Pay for safe, reliable drinking water in Manaus, Amazonas, Brazil. United States Society of Ecological Economics, Saratoga, NY, May 2003.

The Value of Forest Conservation: “Willingness-to-Work” (WTW) to Protect Local Forest Resources in Calakmul, Campeche, Mexico. SCREE Session at SEA Annual Meetings, November 10-12, 2000, Washington, D.C.

Willingness-to-Work (WTW) to Protect Forest Resources in Calakmul, Campeche, Mexico: The Importance of Cultural Realism. CAMP Resources, Wilmington, NC, August 2000.

Information and the Subsistence Farmer's Decision to Deforest. ISEE 2000, Canberra, Australia, July 2000. With Jim Kahn.

Deforestation and Agroforestry Adoption in Tropical Forests: Can We Generalize? Some Results from Campeche, Mexico and Rondonia, Brazil. WAEA Annual meetings, June 29-July 1, 2000, Vancouver, BC, CA. with Jill Caviglia.

Agroforestry Adoption: Keynes' Animal Spirits are Alive and Well in The Yucatan. Southern Economic Association Annual Meeting, Joint Session SAPCREE and SEA, New Orleans, LA, November 1999.

Conjoint Analysis of Farmer Preferences for Agroforestry Systems in Calakmul, Campeche, Mexico. CAMP Resources, Wilmington, NC, August 1999.

Farmers' Willingness to Invest in Agroforestry in Campeche, Mexico: Does Human Capital Matter? Southern Forest Economics Workgroup Annual Meeting, Biloxi, MS, April 1999.

Evaluating Farmer Preferences for Agroforestry Systems: A Model for Survey Instrument Design. Southern Forest Economics Workgroup Annual Meeting, Williamsburg, VA, March 1998.

Sustainable Tourism Development in the Adirondacks: Using the Internet to Empower Local Communities. 90-minute management session, Northeastern Recreation Research Conference, Lake George, NY, March 1996. (with Stephen Bond and Gene Brothers)

COURSES TAUGHT

Principles of Microeconomics, Principles of Macroeconomics, Introduction to Environmental Studies, Contemporary Economic Issues (Summer Seminar), Energy and Climate Change (Summer Seminar), Environmental Policy (Summer Seminar), Environmental Economics (Summer Seminar), Resource and Environmental Economics, Development Economics, Environmental Economics in Developing Countries, Ecological Economics and Sustainable Development, Valuing Nature: The Economic Perspective, Marine Resource Economics, Quantitative Analysis.

Study Abroad - Environmental Quality and the Economy in the Mexican Caribbean
Senior Seminars - Economics Senior Capstone, Environmental Studies Senior Capstone
Graduate Level - Recreation Economics

THESES and INDEPENDENT STUDIES SUPERVISED

2011 -

Siwan Wang, (**R.E. LEE Scholar**) “Understanding Preferences for Marine Biodiversity in Barbados and Mexico.”

Levi Paulk, Independent study: “Alternative Transportation and Carbon Emissions”

Michelle Cong, Independent study: “Air Quality and Economic Growth in Chinese Cities”

Guilherme Fernandaez and Gabriella Sampaioy, **Chesapeake Bay Interns**: “Using Choice Experiments to Determine Farmer Preferences for Streamside Exclusion in Rockbridge County, VA.”

2010 - Alex Caritis, Hilary Grosser, Jarrett Brotzman, Ben Ersing, Cailin Slattery

2009 - Adrianna Manarino, **Chesapeake Bay Intern**, Willingness to Supply Biomass in Virginia.

Jack Stanton, **Senior Thesis**, The Relationship between Jordanian-Israeli Trade Relations and Israeli-Palestinian Conflict since 1995.

2007

Thomas Gift, Independent Study, “Divergence in Educational Attainment in Latin America.”

2006: Christopher Brown, **Honor’s Thesis** “What are Tourists Willing to Pay to Protect Corals in Mexico.”

Hugo DeLesma, **Honor’s Thesis** “Explaining the effects of trade and sectoral composition on economic growth in developing countries.”

Scott Gosselink, Independent Study on Climate Change

2005: Brian Fishero, Steve Chambers, Megan Hill, Megan Donnegan, independent study on carbon sequestration in Southern Appalachian forests

2003: Renata Mouaro, independent study on US-Brazil Environment Project

Raul Inui, independent study on US-Brazil Environment Project

2002: Alejandra Bereskyj, independent study on Tourism in Quintana Roo

Will Teichman, Burke Duncan, Robin Graham, Dan Walker, and Bains Fleming, (Independent Study in Economics of Ecotourism with Jim Kahn)

2001: Corinne O’Hayer Lane, independent study on Valuing Water Quality Improvements to Woods Creek.

Pope Hackney, independent study on Menhaden Industry in the Chesapeake Bay.

Greg Michaels, independent study on riparian forest buffers.

WORKSHOPS, SEMINARS, and CONFERENCES ATTENDED

UNCW Teaching Economics Workshop, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2009, 2010.

Camp Resources 2010

NAREA 2009

SOFEW 1998, 1999, 2009

Biomass South, 2008

World Aquaculture Society, 2008

American Economic Association, 1999, 2001, 2003, 2005, 2006.

Southern Economic Association, 1999, 2000, 2003, 2005, 2006.

Western Economic Association, 2000.

Rollins College, greening the curriculum seminar, 2002.

Duke University Seminar on Global Climate Change, 2002.

UNC-Chapel Hill interdisciplinary approaches to the study of Latin America, 2001.

Society of American Foresters, 1999, 2009

PROFESSIONAL SERVICES

Union of Concerned Scientists, Delegate to Congress on Climate Change, 2010, 2011

Environmental Protection Agency, Sustainable Chesapeake Grant Reviewer, (Proposals for \$2m), 2011

Chesapeake Bay Commission - Biofuels Advisory Panel. 2008-2009.

President ODE 2008-

Referee: (1) Environment and Development Economics, (2) Natural Resources Forum, (3) Agriculture, Ecosystems, and the Environment, (4) Marine Resource Economics. 5) B.E. Press Journals in Economic Analysis and Policy, 6) Ecological Economics, 7) Journal of Economic Education, 8) Journal of Environmental Management

PROFESSIONAL ASSOCIATIONS

Northeast Agricultural and Resource Economics Association

American Economic Association

Southern Economic Association

Society of American Foresters

UNIVERSITY SERVICE

Faculty Review Committee (Alternate) 2011-
Williams School Faculty Representative - Board of Trustees (2010-)
University Sustainability Committee (2009-2011)
University Athletic Committee (2002-2007) (2010-2011)
International Education Committee (2008-2009)
Environmental Studies Committee (2003-)
Environmental Studies International Advisory Committee (2001-)
Shepherd Poverty Program Advisory Committee (2002-)
Strategic Planning - Athletics task force (2004)
University Committee on Inclusiveness (2002-2003)
Faculty Alumni Committee - Chair (2001-2004)
Nabors Service League Global Warming roundtable discussant (2001)
Shepherd Alliance interviews
Representative of Program in Environmental Studies for DuPont Foundation visit
Latin American Studies Initiative
Bonner Scholar interviews
Departmental seminar program organizer (Fall 1999, Fall 2001, Fall 2005, Spring 2007)

LANGUAGE SKILLS

Spanish – conversational