

School of Fisheries and Ocean Sciences

Degree Candidates *Denis Wiesenburg, Dean*

Baccalaureate

Carri Anne Robinson Forbes	B.S.	Fisheries
Sean-Bob Kelly <i>cum laude</i>	B.S.	Fisheries
Lisa Dawn Linnell	B.S.	Fisheries
Heather L. Scannell	B.S.	Fisheries
Geoffery Alan Spalinger	B.S.	Fisheries

Master's

Erika R. Ammann <i>B.S., Gonzaga University (Washington), 1999</i>	M.S.	Fisheries
Allison E. M. Barns <i>B.S., Humboldt State University (California), 1991</i>	M.S.	Marine Environmental Studies: Interdisciplinary Program
David L. Barto <i>B.S., State University of New York, 1975</i>	M.S.	Oceanography: Fisheries
Kristin Denise Cieciel <i>B.S., University of Alaska Southeast, 2001</i>	M.S.	Fisheries
Anthony Alexander Eskelin <i>B.S., Montana State University, 1997</i>	M.S.	Fisheries
Judith Ann Hamilton <i>B.S. Eastern Kentucky University, 1996</i>	M.S.	Marine Biology
Erin Harrington <i>B.A., Middlebury College (Vermont), 1999</i>	M.S.	Seafood Marketing and Economics: Interdisciplinary Program
Zhuozhuo Li <i>B.S., Pacific Lutheran University (Washington), 1997</i>	M.S.	Fisheries
Peter B. Nilsson <i>B.S., Hawaii Pacific University, 2001</i>	M.S.	Marine Biology

Heather Kristine Patterson <i>B.S., University of New Hampshire, 2000</i>	M.S.	Marine Biology
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Laura Michelle Slater <i>B.S., Hawaii Pacific University, 2000</i>	M.S.	Marine Biology
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Jennifer Paige Stahl <i>B.S., University of Texas at Austin, 1999</i>	M.S.	Fisheries
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Kathereen Tamburello <i>B.S., University of Kansas, 1997</i>	M.S.	Oceanography: Biological
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Johanna J. Vollenweider <i>B.S., University of North Carolina, 1998</i>	M.S.	Fisheries
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Ivan Alan Wang <i>B.S., University of California, 1993</i>	M.S.	Fisheries
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Daniel B. Young <i>B.A., College of William and Mary (Virginia), 1992</i>	M.S.	Fisheries
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Doctoral

Brian Charles Battaile <i>B.S., University of Oregon, 1994</i> <i>M.S., San Diego State University (California) 2000</i>	Ph.D.	Fisheries
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Thesis: A Walleye Pollock (*Theragra Chalcogramma*) Depletion Estimator for the Eastern Bering Sea

A DeLury depletion estimator for walleye pollock in and around Steller sea lion critical habitat in the eastern Bering Sea indicated a significant amount of depletion in the pollock fishery from 1995-1999. Evidence suggests that depletion is detected more easily in areas of low abundance, due to the hyperstable relationship between CPUE and biomass, and dispersing exploitation pressure decreases local depletion.

Major Professor: Dr. Terrance J. Quinn II

Georgina Anne Gibson <i>B.S., University of Wales (United Kingdom), 1998</i>	Ph.D.	Oceanography: Biological
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Thesis: Non-Linear Dynamics of Marine Ecosystem Models

The dynamical behavior of marine Nutrient-Phytoplankton-Zooplankton (NPZ) models was explored. Using several alternative zooplankton grazing and predation functions, state variable oscillations were shown to be an intrinsic property of NPZ models, independent of season forcing. Including of sinking detritus had important implications for the composition and excitability of model solutions.

Major Professor: Dr. David L. Musgrave

Jeffrey Wayne Short	Ph.D.	Fisheries
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B.S., University of California, 1973

M.S., University of California, 1982

Thesis: Seasonal Variability of Pristane in Mussels (*Mytilus trossulus*) in Prince William Sound, Alaska

Pristane is a hydrocarbon produced by *Neocalanus* copepods that inhibits the growth of salmonids that prey on them. Feces that result from this predation retain pristane residues that are readily incorporated by suspension-feeding organisms such as mussels. Monitoring pristane in mussels may reflect the intensity of predation on these copepods.

Major Professor: Dr. Thomas C. Shirley