School of Fisheries and Ocean Sciences

Degree Candidates

Vera Alexander, Dean

Baccalaureate Degrees

Nissa R. Bates	B.S.	Fisheries
Allison RenÏe Luettel	B.S.	Fisheries
Jessica Joyce Mitchell	B.S.	Fisheries
Lisa Mostella	B.S.	Fisheries

s Degrees

Tara A. Borland	M.S.	Oceanography: Chemical
	B.S., Richard Stockton College of New Jersey, 1998	
Reid Sinclair Brewer	M.S.	Marine Biology
	B.S., United States Military Academy (New York), 1995	
Ryan Jordan Briscoe	M.S.	Fisheries
	B.A., University of Hawaii, 2001	
HÿloÇse A.C. Chenelot	M.S.	Oceanography: Biological
	B.A., Truman State University (Missouri), 1997	
Barbi J. Failor-Rounds	M.S.	Fisheries
	B.S., Sheldon Jackson College (Alaska), 1999	
Heather Finkle	M.S.	Fisheries
	B.A., University of New Hampshire, 1992	
Blair Gerald Flannery	M.S.	Fisheries
	B.S., Humboldt State University (California), 1994	

	long-term climate trends and environmental recruitment models reflecting stock structure provided best fits. A new theory concerning recruitment was presented. Major Professor: Dr. Brenda L. Norcross	
Sherri Christine Dressel	Ph.D. B.S., Valparaiso University (Indiana), 1993	Oceanography: Fisheries

The Pacific Ocean perch is an important commercial rockfish species in Alaska. Estimates of their abundance are highly imprecise because of their patchy distribution. This thesis explores the current stock assessment of the species and develops methods of improving their assessment, including survey and sampling design enhancement.

Major Professor: Dr. Terrance J. Quinn II

B.S., University of Oregon, 1998

Thesis: **Utilizing Multi-Source Abundance Estimation and Climate Variability to Forecast Pacific Salmon Populations**

A modeling framework for combining many different sources of information to estimate total spawners and recruits for Pacific salmon in data-limited situations was developed. These results allowed an exploration of the influence of environmental change to understand current trends in salmon returns and improve the reliability of forecasts.

Major Professor: Dr. Milo D. Adkison