Units conducting the featured University of Alaska RESEARCH FOR SOUTHWEST ALASKA

ASSISTING COMMUNITIES
• UAA, Institute for Social and Economic Research
• UAF, International Arctic Research Center, Alaska Center for Climate Assessment and Policy
• UAF, International Arctic Research Center, Alaska Center for Climate Assessment and Policy, in collaboration with the Aleutian Pribilof Islands Association and the Bureau of Indian Affairs

ENERGY
• UAF, Institute of Northern Engineering, Alaska Center for Energy and Power
• UAF, College of Fisheries and Ocean Sciences

FOOD SECURITY
• UAF, College of Fisheries and Sciences
• UAF, College of Fisheries and Sciences, Ocean Acidification Research Center
• UAF, International Arctic Research Center, Alaska Center for Climate Assessment and Policy, as part of the Alaska Fire Science Consortium

HEALTH & SAFETY
• UAF, College of Engineering and Mines, Institute of Northern Engineering, Water and Environmental Research Center; College of Fisheries and Ocean Sciences; Institute of Arctic Biology

JOBS
• UAF, College of Fisheries and Ocean Sciences, Alaska Sea Grant, Marine Advisory Program
• UAF, International Arctic Research Center, as part of the Alaska Fire Science Consortium

TRANSPORTATION
• UAF, International Arctic Research Center, Alaska Center for Climate Assessment and Policy

UA RESEARCH PUSHES ALASKA’S ECONOMY FORWARD
ASSISTING COMMUNITIES
- Partnering with the Aleutian Pribilof Islands Association to help the 229 federally recognized tribes in Alaska prepare for and respond to changing conditions
- Identifying tribal climate science needs, supporting adaptation planning, and linking tribal needs with research

TRANSPORTATION
- Improving preparedness and response to annual springtime flooding in Alaska
- Developing effective and easily adaptable flood risk mitigation and recovery strategies for rural Alaska communities
- Actively monitoring unstable frozen rubble moving toward the Dalton Highway and trans-Alaska oil pipeline

ENERGY
- Working to lower the cost of river and ocean energy converters
- Promoting water power’s role in renewable energy

HEALTH & SAFETY
- Studying declining Steller sea lion populations, and the possible role of high levels of ingested mercury
- Examining how contaminants move through food webs and from sea lion mothers to pups

FOOD SECURITY
- Using genetic markers to better identify types of western Alaska chum salmon
- Studying competition between these fish and stocks native to Russia and Japan

JOBS
- Developing alternatives to address the “graying of the fleet”
- Studying how next-generation fishing will affect coastal communities
- Creating ways to share information with other rural Alaska and Native communities

Every dollar invested in research brings from four to six dollars to Alaska.