


Kenai Peninsula Borough
Office of the Borough Mayor

MEMORANDUM

TO: Kelly Cooper, Assembly President
Members, Kenai Peninsula Borough Assembly

THRU: Charlie Pierce, Kenai Peninsula Borough Mayor 

DATE: October 13, 2020

RE: Appointments to the KPB Resilience and Security Advisory Commission

Pursuant to the enactment of Ordinance 2020-25, I hereby submit my recommendations for confirmation by the Assembly, of the following appointments to the Kenai Peninsula Borough Resilience and Security Advisory Commission. Applicants have been verified and reside within the areas to be represented. Applications and verification are attached for your review:

EAST PENINSULA (areas of Seward, Moose Pass, Cooper Landing)

Jen Pletz Expires 09/2021

SOUTHWEST BOROUGH (areas of Seldovia, Port Graham, Homer, Kachemak City, Nanwalek)

Bretwood Higman Expires 09/2022

SOUTHCENTRAL (areas of Anchor Point, Ninilchik, Kasilof, Clam Gulch)

Agam Ohn-Bar Expires 09/2023

CENTRAL PENINSULA (areas of Sterling, Kenai, Soldotna, Kalifornsky)

Mikel Salzetti Expires 09/2021
Richard L. Davidson Expires 09/2022

NORTHWEST BOROUGH (areas of Hope, Tyonek, Nikiski)

Michele Hartline Expires 09/2023

AT-LARGE (any geographic area listed)

Randy Arndt Expires 09/2021
Rowland Waterman Expires 09/2022
Alexandra Ravelo Expires 09/2023

Attachments: Clerks Verification & Applications for Appointments

Kenai Peninsula Borough
Office of the Borough Clerk

MEMORANDUM

TO: Charlie Pierce, Borough Mayor
THRU: Johni Blankenship, Borough Clerk (CB)
FROM: Michele Turner, Deputy Borough Clerk (MT)
DATE: September 28, 2020
RE: Verification of Resilience and Security Advisory Commission Applicants

Pursuant to the enactment of Ordinance 2020-25, the applicants listed have been verified as residents of the geographic areas described below.

EAST PENINSULA (areas of Seward, Moose Pass, Cooper Landing)

- Jenn Pletz, Seward

SOUTHWEST BOROUGH (areas of Seldovia, Port Graham, Homer, Kachemak City, Nanwalek)

- Bretwood Higman, Seldovia

SOUTHCENTRAL (areas of Anchor Point, Ninilchik, Kasilof, Clam Gulch)

- Agam Ohn-Bar, Kasilof

CENTRAL PENINSULA (areas of Sterling, Kenai, Soldotna, Kalifornsky)

- Mikel Salzetti, Kalifornsky
- Richard L. Davidson, Mackey Lake

NORTHWEST BOROUGH (areas of Hope, Tyonek, Nikiski)

- Michele Hartline, Nikiski

AT-LARGE (any geographic area listed)

- Randy Arndt, Kachemak/Fritz Creek
- Rowland Waterman, Diamond Ridge
- Alexandra Ravelo, Kachemak/Fritz Creek

East

Wastell, Pam

From: Planning Land Management
Sent: Thursday, September 03, 2020 6:02 AM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f508df13f2ec-resume-kpb-rsac.pdf

Thank You,

Ann Shirnberg
Administrative Assistant
Planning Department
(907) 714-2215

KENAI PENINSULA BOROUGH
144 North Binkley Street
Soldotna, Alaska 99669



PUBLIC RECORDS LAW DISCLOSURE: This email and responses to this email may be subject to provisions of Alaska Statutes and may be made available to public upon request.

From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Wednesday, September 2, 2020 10:32 PM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Jenn Pletz. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Jenn Pletz
Mailing Address: PO Box 1868 Seward, AK 99664
Residential Address (if different from mailing address): 218 Bluefield St. Seward, AK 99664
Email: japletz83@yahoo.com
Mobile: 2627451915

Work Phone:

Home Phone:

Occupation or place of employment:

Boat Captain & Volunteer EMT

How long have you lived in the area served by this Resilience & Security Advisory Commission?

7 1/2 years

In which of the 10 areas defining the scope of the commission do you have experience?

I have experience in local recycling & reuse efforts to help reduce garbage going into our landfills, improve improvements in food security through local agriculture & efforts to protect our salmon runs & fish population.

What knowledge, experience, or expertise will you bring to this board?

I graduated with a degree in Geography focusing on People- Environment Interactions and a minor in Environmental Science. I have mostly in the maritime industry aboard research vessels, tour boats, and charter fishing boats here in AK & Seward, I have a very strong connection to the fishing opportunities and personally seen the silver salmon find a way to help bring those fish back to the people of Seward and the Peninsula, mostly as a food source. Over the world come to Seward for our world class fishing.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or task forces?

I have not yet been on any boards, commissions, nor task forces within the Kenai Peninsula Borough. However, I have been on the Sustainable Seward for almost 2 years.

Are you available for:

Night meetings Day meetings

Comments (areas of interest, additional experience or qualifications, etc.):

Thank you for this opportunity. Please contact me if you have any questions or concerns.

Jenn Pletz "JP"

PO Box 1868, Seward, AK 99664
Phone: (262) 745- 1915 | Email: japletz83@yahoo.com

EDUCATION

Master/ Mate Not More Than 200 Tons & Able Seaman Program. AVTEC, Alaska's Institute of Technology, Maritime Training Center. Seward, AK. 1/2014- 4/2014

B.S. Geography & Environmental Studies Certificate. University of Wisconsin- Madison. Madison, WI. 8/2006

QUALIFICATIONS

State of Alaska EMT-2 4/2017

National Registry of Emergency Medical Technicians 3/2017

Able Seaman- Unlimited 11/2014

Master 100 ton Near Coastal 11/2014

PADI Advanced Open Water Diver 3/2008

EXPERIENCE

Boat Captain

2020- present

Kenai Fjords National Park, National Park Service

Seward, AK

- Operate 53' National Park Service vessel, M/V Serac, within the Kenai Fjords National Park coastal area
- Perform maintenance to exterior & interior of vessel; maintain engines & auxiliary machinery
- Operate & maintain Zodiac daily; transport passengers & cargo multiple times daily to exposed beaches & shorelines in adverse weather conditions; promote small boat safety operations
- Monitor weather forecasts, tides, and currents
- Navigate coast w/ helm electronics
- Perform USCG safety drills, maintain & operate all life- saving equipment & survival gear, train all passengers in donning immersion suit & using emergency escapes, O2, epinephrine, spinal immobilization, & cold water immersion training
- Adhere to park mission & cooperate with park staff & researchers to complete trip project goals. Trip projects include marine debris clean- ups, monitoring changes in retreat & advance of glaciers, studying local flora & fauna, maintaining archaeological sites, etc.

Boat Captain

2017- present

Seward Fishing Club & Kenai Riverbend Resort

Seward, AK

- Manage and operate 43'- 64' charter fishing vessels with up to 3 crew and up to 30 passengers within Blying Sound
- Determine fishing locations based on varying weather conditions, tides, & currents
- Target lingcod, rockfish, salmon, & halibut
- Maintain fishing gear & tackle; filet fish; record limits in AK Dept. of Fish & Game logbook
- Manage company social media

Volunteer EMT 2

2017- present

Seward Volunteer Ambulance Corps.

Seward, AK

- Respond to medical emergencies and non- emergent transfers throughout rural area
- Maintain ambulance & supplies
- Perform continuing education weekly at meetings

Marine Naturalist/ Deckhand/ Able Seaman

2007- 2016

Hawaii & Alaska

- Perform all deckhand & steward duties
- Operate machinery for science personnel & cargo handling operations on Limited & Unlimited size research vessels (winches, capstans, A- frames, CTDs, forklifts, etc)
- Respond quickly & calmly to medical, vessel, & weather emergencies daily
- Practice and promote general passenger and crew safety
- Complete cetacean research logs daily
- Educate passengers daily on local flora, fauna, & geography

General Ranger GS- 05

2007

Haleakala National Park, National Park Service

Maui, HI

- Prepare greenhouse gas inventory and input into the National Park Services' Climate Friendly Parks CLIP module
- Develop visitor carbon footprint model & set up interview w/ Native Energy to purchase bulk CO2 offsets
- Staff visitor centers desk & answer questions about park resources daily
- Aid in front country and backcountry trip planning; write backcountry permits
- Prepare & present formal interpretive ranger programs & guided hikes daily
- Practice & promote safe hiking & high altitude sickness procedures daily

Wisconsin Energy Conservation Corporation

2007

Energy Intern

Madison, WI

- Research state energy efficiency programs & carbon credit ownership
- Calculate carbon footprint for 100 person company using MS Excel & emission factors

Wastell, Pam

Southwest

From: Planning Land Management
Sent: Monday, August 31, 2020 5:52 AM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f4cb869e8884-200830-bretwood-higman-cv.pdf

Thank You,

Ann Shirnberg
 Administrative Assistant
 Planning Department
 (907) 714-2215

KENAI PENINSULA BOROUGH
 144 North Binkley Street
 Soldotna, Alaska 99669



PUBLIC RECORDS LAW DISCLOSURE: This email and responses to this email may be subject to provisions of Alaska Statutes and may be made available to public upon request.

From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Monday, August 31, 2020 12:44 AM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Bretwood Higman. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Bretwood Higman
Mailing Address: PO Box 164 Seldovia, AK 99663
Residential Address (if different from mailing address): 1119 S. Boone Lane Seldovia, AK 99663
Email: hig314@gmail.com
Mobile:

907 290 6992

Work Phone:

Home Phone:

Occupation or place of employment:

Executive Director, Ground Truth Trekking

How long have you lived in the area served by this Resilience & Security Advisory Commission?

30 years

In which of the 10 areas defining the scope of the commission do you have experience?

2. Cost & Energy Efficiency of Buildings
3. Cost & energy efficiency of transportation
4. Improve local energy systems
5. Support hazard mitigation planning accounting for changing environmental conditions
8. Engage communities in developing and instituting sustainable resource initiatives
9. Seek funding opportunities
10. Other similar efforts focused on the protection of our natural resources, economy, security and well-being

What knowledge, experience, or expertise will you bring to this board?

As a PhD Geologist, I've studied natural hazards including coastal erosion, landslides, earthquakes, and tsunamis. Through Ground Truth Trekking, I've conducted analysis of energy systems and resource use, and worked to communicate science to the public. I have also worked as a data analyst and project manager for Nuka Research and Planning, a local consulting firm.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

No.

Are you available for:

Night meetings Day meetings

Comments (areas of interest, additional experience or qualifications, etc.):

I hope this commission will help advance practical changes throughout the borough. I see this as a combination of two things: first, building resilience, the ability for our economy and lifestyles to weather future change gracefully. The second is to have the resources and world to mitigate the difficult problems that we face.

Bretwood Higman
PO Box 164
Seldovia, AK 99663
hig314@gmail.com
907 290 6992

Professional Skills and Interests

- Science: Scientific data collection, analysis, and interpretation. Research team coordination. Scientific writing and illustration.
- Disasters: The identification, assessment and mitigation of natural hazards including tsunamis, earthquakes, landslides, and coastal erosion, as well as human-caused oil spill disasters.
- Public outreach: Science communication, volunteer coordination, community engagement, web-page design and management
- Energy systems: Renewable energy generation generation, energy storage, efficiency.

Selected ongoing projects

- Helping coordinate multi-institutional studies of landslide-generated tsunamis in Alaska's glaciated fjords and lakes (see [Higman et al., 2018](#), [Higman, 2020](#))
- Volunteer coordination and planning for [Tutka Backdoor trail](#): 32-mile alpine trail, built by about 100 volunteers in over 1000 person-days (so far).
- Technology manager for the Geographic Response Information Database, which catalogs businesses and resources around Cook Inlet that could be used to respond to a disaster like an oil spill (with [Nuka Research](#) and [CIRCAC](#)).
- Coordinator and primary GIS specialist for an indie cartography project – building a next-generation [map for hikers in Kachemak Bay State Park](#). The goal of this project is to provide an excellent map that also serves as a medium through which the community of park users can share knowledge about the park.
- Project manager for an [analysis of pumped energy storage](#) to assist in Alaska's transition to nearly 100% renewable energy.

Work and educational history

- 1995-1999: BA in geology from Carleton College
- 2001-2007: PhD from the Dept. of Earth and Space Sciences at UW Seattle
- 2007-present: Executive director of 501c3 nonprofit [Ground Truth Trekking](#) (currently in the process of being re-named Ground Truth Alaska)
- 2008-present: Analyst for [Nuka Research and Planning](#)

Wastell, Pam

Southcentral

From: Planning Land Management
Sent: Thursday, September 03, 2020 9:39 AM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f51284e88628-agam-ohn-bar-resume-.pdf

Thank You,

Ann Shirnberg
 Administrative Assistant
 Planning Department
 (907) 714-2215

KENAI PENINSULA BOROUGH
 144 North Binkley Street
 Soldotna, Alaska 99669



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From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Thursday, September 3, 2020 9:31 AM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Agam Ohn-Bar. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Agam Ohn-Bar
Mailing Address: 54932 Burdock rd Kasilof, Alaska 99610
Residential Address (if different from mailing address): 54930 Burdock rd Kasilof , AK 99610
Email: Agam@amirim.com
Mobile:

4243957135

Work Phone:

Home Phone:

Occupation or place of employment:

Ionia- Community member

How long have you lived in the area served by this Resilience & Security Advisory Commission?

2 years

In which of the 10 areas defining the scope of the commission do you have experience?

Waste management, energy efficient building and transportation, clean energy (solar), protecting natural resources

What knowledge, experience, or expertise will you bring to this board?

Knowledge and experience of ecological building , communication and facilitation experience, energy efficiency

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

No.

Are you available for:

Night meetings Day meetings

Comments (areas of interest, additional experience or qualifications, etc.):

Interested in raising environmental awareness through educational processes.

Agam Ohn-Bar

📍Kasilof, AK 📞 (424)3957135 📧 agam@amirim.com



Introduction

I am an experienced team leader and coordinator with strong creative abilities designing and putting into practice sustainable strategies. I hold both knowledge and experience in ecological building and energy efficient methods and I enjoy working with natural materials.

I learn best from real-life hands-on experience and would describe myself as an autodidact and problem solver.

I am well versed in interpersonal communications, conflict resolution, and group facilitation, proficient in educational leadership and decision-making processes. I have been passionately and wholeheartedly serving every organisation I ever was a part of always fostering collaboration and innovation to meet the objectives of team, individual and management.

I personally am an environmentalist living a plant-based minimalist lifestyle, traveling extensively via land and sea without flights.

I am a devoted community member and co-parent of two beloved children.

Experience

2018-Current ; Ecology Team Leader at [Ionia Inc. AK](#)

- Collaborated and worked closely with team members designing, manifesting, and meeting deadlines with new ecological projects and solutions such as a recycling station, energy efficient heating methods.
- Created agendas and communication materials for team meetings.
- Reduced expenses and costs (both environmental and financial) by developing functional solutions to consumerism problems e.g. community composting incl. humanure, energy-efficient transportation, bulk food purchasing.
- Facilitated conflict resolution, emotional processing and peace making forum between team members.

2017-2018 ; Certified Team Leader at [Biotekt Architecture](#)

- Coordinated with other managers, technical personnel and team leaders producing efficient site work and maintaining tight schedules.
- Enhanced production methods and improved employee motivation to maximize team productivity.

- Consulted with design, building and engineering teams to discuss and resolve conflicts effectively.
- I was a part of leading the building of 7 eco-spheres in Florida and Wisconsin.

2017-Current ; Independent yoga teacher

- Certified at Sivananda yoga ashram - the Bahamas.
- Taught in Florida, New York, and the Bahamas.
- Focus on human wellbeing through sustainable living practices, raising awareness towards mental and physical health.

2016-2017 ; Long distance thru-hiker

- Completed both the Trans-Israel Path (1150km) and later the Pacific Crest Trail (2650 miles) under extreme weather conditions.
- Real life experience of minimalism and low-footprint lifestyle.
- Israeli TV news item about my journey (with subtitles).

2011-2017 ; Lieutenant at the Israeli Special forces

- Passed Israeli matriculation examination majoring in geography, history and civil liberties.
- Graduated officer academy majoring in educational leadership and a variety of combat trainings.
- Planned, supervised and completed several projects both in Israel and abroad, requiring challenging decision making and collaborating between engineers, managers and logistic workforce.
- Lead a team of over a 100 individuals - from combat training to active duty designing and implementing training programs and schedules.

2003-Current ; Tae-Kwon-Do Student and Teacher

- Competed and won several tournaments.
- Certified teacher by the International Tae-Kwon-Do Federation in 2008.
- Taught both one-on-one and groups both youth and adults in Israel, Florida, and Alaska.

Central

Wastell, Pam

From: Planning Land Management
Sent: Friday, September 04, 2020 2:05 PM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f52b5c9c9d1c-mike-salzetti-professional-bio-09-04-2020.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Thank You,

Ann Shirnberg
 Administrative Assistant
 Planning Department
 (907) 714-2215

KENAI PENINSULA BOROUGH
 144 North Binkley Street
 Soldotna, Alaska 99669



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From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Friday, September 4, 2020 1:47 PM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Mikel Salzetti. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Mikel Salzetti
Mailing Address: 36580 Chinulna Dr Kenai, AK 99611
Residential Address (if different from mailing address): /
Email:

salzetti.ak@gmail.com

Mobile:

9073985073

Work Phone:

Home Phone:

Occupation or place of employment:

Homer Electric Association

How long have you lived in the area served by this Resilience & Security Advisory Commission?

12 plus years

In which of the 10 areas defining the scope of the commission do you have experience?

Energy efficiency(2&3), renewable energy(4), cost benefit analysis (7) and grant writing(9)

What knowledge, experience, or expertise will you bring to this board?

Electrical Engineer with 30 years of engineering experience. I have extensive experience with renewable energy and natural gas market and natural gas infrastructure.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

No. Although I am currently working with the Borough on a potential Landfill Gas (LFG) Project where I will recuse myself for any LFG Project dealings if that Project should move forward.

Are you available for:

Night meetings

Comments (areas of interest, additional experience or qualifications, etc.):

My apologies, I do not have a current resume. Attached is a short professional bio.

Mikel Salzetti, Manager of Fuel Supply & Renewable Energy Development – Homer Electric Association

Mikel Salzetti has over 30 years of engineering experience with the last 20 of those years spent in the electric utility business. His engineering responsibilities have included long range strategic planning, economic analysis and justification, contract administration, contract negotiations in excess of \$168MM, procurement, contractor supervision, maintenance engineering, project management, system design, software engineering and technical oversight on projects ranging to \$80MM and in plants as large as 800MW.

Mr. Salzetti played an integral role in the design of Homer Electric's new generation facilities. He has managed the Grant Lake Hydroelectric Project since June of 2010 which recently gain its FERC License and currently manages the fuel supply, storage and transportation for Homer Electric.

Mr. Salzetti holds a BS in Electrical Engineering from Utah State University and is just a thesis away from completing an MS in Electrical Engineering with a power emphasis from the University of Idaho.

Wastell, Pam

Central

From: Planning Land Management
Sent: Tuesday, September 08, 2020 6:02 AM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f53ce1d6b022-resume-of.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Thank You,

Ann Shirnberg
 Administrative Assistant
 Planning Department
 (907) 714-2215

KENAI PENINSULA BOROUGH
 144 North Binkley Street
 Soldotna, Alaska 99669



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From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Saturday, September 5, 2020 9:43 AM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Richard L Davidson. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name:	Richard L Davidson
Mailing Address:	43900 Eagle Lake Drive Kenai, Alaska 99611
Residential Address (if different from mailing address):	,
Email:	

richd24@me.com

Mobile:

Work Phone:

9073940434

Home Phone:

Occupation or place of employment:

Central Peninsula Hospital

How long have you lived in the area served by this Resilience & Security Advisory Commission?

15 years

In which of the 10 areas defining the scope of the commission do you have experience?

I'm a Facilities Director with a broad experience base in planning, utilities management, and construction.

5.

What knowledge, experience, or expertise will you bring to this board?

I'm a Facilities Director with a broad experience base in planning, utilities management, and construction.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

no

Are you available for:

Night meetings

Comments (areas of interest, additional experience or qualifications, etc.):

Interested in seeing the borough take a fiscally sound approach to continuous environmental improvement

Resume of Richard Davidson

Experience

Central Peninsula Hospital
250 Hospital Place
Soldotna, AK 99669
Support Services Director

2005 - Present

Responsible for Design, Construction, and operation of the hospital facilities and off site buildings. Responsibilities include management of Facilities Engineering, Biomedical Engineering, Environmental Services, Laundry Services, Food Services, Safety and Security.

Sodexo Management Services
9801 Washingtonian Boulevard
Gaithersburg, Md 20878

1992 – 2005

Multiple progressively responsible positions covering aspects of Facilities Engineering, Environmental Services, and Food Services for healthcare facilities within 10 western states.

Pali Momi Medical Center
Aiea, Hi
Director of Facilities and Biomedical Engineering

1989-1992

Overall responsibility for facilities and biomedical engineering for an acute care hospital

Wastell, Pam

Northwest

From: Planning Land Management
Sent: Thursday, August 20, 2020 8:43 AM
To: Wastell, Pam; Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f3dd386aba56-resume-2020.doc

Thank You,

Ann Shirnberg
 Administrative Assistant
 Planning Department
 (907) 714-2215

KENAI PENINSULA BOROUGH
 144 North Binkley Street
 Soldotna, Alaska 99669



PUBLIC RECORDS LAW DISCLOSURE: This email and responses to this email may be subject to provisions of Alaska Statutes and may be made available to public upon request.

From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Wednesday, August 19, 2020 5:36 PM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Michele A Hartline. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name:	Michele A Hartline
Mailing Address:	PO BOX 7933 NIKISKI, AK 99635
Residential Address (if different from mailing address):	51665 STICKLEBACK ROAD Nikiski, AK 99635
Email:	hartlines@hotmail.com
Mobile:	19078308327

Work Phone:

19078308327

Home Phone:

Occupation or place of employment:

Retired

How long have you lived in the area served by this Resilience & Security Advisory Commission?

16 years

In which of the 10 areas defining the scope of the commission do you have experience?

- #2 – Cost & energy efficiency in buildings
- #3 – Cost & energy efficiency in transportation.
- #7 – Cost benefit analysis of sustainable resource initiatives.
- #8 – Active engagement & communication with borough communities to develop and institute sustainable groups, task forces, online media, etc.
- #9 – Seek funding to support the work of the commission.
- #10 – Other similar efforts focused on protection of our natural resources, economy, security & well-being

What knowledge, experience, or expertise will you bring to this board?

As a professional career accountant, auditor and business analyst, I will be invaluable in fulfilling scope of work. Through my extensive volunteer experience, I will prove to be an active and energetic member to the success of the commission. Re: bullet #10, as a KPB citizen, I brought the issue of the Elodea infestation to the attention of the KPB Board. An invasive weed was stopped quickly before more water bodies were infected and threatening our anadromous fish. I am currently the State sharing my experience in the battle to eradicate Elodea around the state.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

Yes, I am currently serving on the Road Service Area Board. I also served as a alternate member of the Board of...

Are you available for:

Night meetings Day meetings

Comments (areas of interest, additional experience or qualifications, etc.):

See Resume attached.

Michele A. Hartline
P.O. Box 7933
Nikiski, Alaska 99635-7933
(907) 830-8327(c)
E-mail: hartlines@hotmail.com

OBJECTIVE

To acquire a commission appointment to the Kenai Peninsula Borough's Resilience & Security Advisory Commission.

PROFESSIONAL EMPLOYMENT

- 2010 **ENUMERATOR, US CENSUS BUREAU**
Conducted field surveys gathering statistics on people, places and economy in my community for the US Government.
- 2010 **BOOKKEEPER, D RAPPE EXCAVATING**
Full-charge bookkeeper for Nikiski excavator.
- May, 2008 to 2010 **SELF EMPLOYED, FNG ENTERPRISES, LLC**
Owner/operator of the Kenai Peninsula's exclusive dealership in sales, installation and service of Phantom Screen Doors and Tucson Rolling Shutters.
- March, 2008 to 2009 **DAT LEADER, AMERICAN RED CROSS ALASKA CHAPTER-CENTRAL KENAI PENINSULA**
Organize and supervise 23 volunteer Disaster Action Team members to assist clients through disasters.
- January, 2003 to August, 2004 **GENERAL CONTRACTOR, CONSTRUCTION OF PERSONAL RETIREMENT HOME**
Designed, purchased and expedited all materials, supervised workers, and successfully completed project on time and on budget for personal retirement home.
- August, 2001 to December, 2003 **SR. CONTRACT AUDITOR/CONSULTANT, LYNX INC., SUB-CONTRACTED TO CONOCOPHILLIPS**
Audited and consulted multimillion-dollar contracts for contract compliance in identifying and recovering million-dollar claims. Represented ConocoPhillips in intense negotiation resolutions. Served as consultant in new contract agreements. Position required excellent analysis and communication skills to master high exposure and contentious issues.
- April, 1999 to July, 2001 **BUSINESS ANALYST, ARCO ALASKA, INC., ALPINE PROJECT**
Business Analyst on new Alpine oil and gas field. Responsibilities included contract negotiations through competitive bidding process, cost and budget analysis, and project management on multifarious venture.
- August, 1996 to April, 1999 **SR. CONTRACT AUDITOR, ARCO ALASKA, INC., POLICY & INTERNAL CONTROL**
Responsible for conducting \$1+ billion annual contract compliance audits. Analyzed ARCo's major contractual agreements between suppliers and service companies in a detailed and strategic perspective, i.e. contractor accounting structure through vouchering, to income statement analysis. Audit arenas overflowed into ARCo Internal Policy, Control and Audit investigations.
- January, 1990 to August 1996 **SR. AUDIT COORDINATOR, ARCO JOINT INTEREST/CONTRACT COMPLIANCE**
Control, analyze and defend multimillion-dollar exposure audit claims filed against ARCo by co-owner oil corporations of major and exploratory oil and gas recovery field operations.
- November, 1985 to January, 1990 **CONTROL ACCOUNTANT, ARCO MATERIALS ACCOUNTING**
Responsible for financial reconciliations of multimillion-dollar physical warehouse assets. Instrumental in leadership and supervision of implementing computerized accounting system programming for financial control of ARCo warehousing. Frequently performed assessment evaluation projects which were instrumental in major business decisions. Step-up supervisor for twelve full-time employees.
- June, 1984 to August, 1985 **PROCUREMENT SPECIALIST/BUYER, ARCO PURCHASING**
Responsible for the procurement of several types of commodities required for the successful operations of major oil fields in Alaska. Position required complex inventory control management skills, excellent interpersonal skills to successfully negotiate between field users and vendors, and several utility skills to support the comprehensive computerized purchasing system.

February, 1983
to June, 1984

MATERIALS RECORD ASSOCIATE/WORK LEADER/STEP-UP SUPERVISOR, ARCO MATERIALS RECORDS
Supervised four full-time and three contract employee positions from hire, through performance reviews, and terminations during six0+ month vacancy of supervisory position. Anchorage based position was the nucleus of all materials records accumulation for all oil field and exploration activity conducted by ARCO in Alaska.

September, 1976
to February, 1983

RECORDS CONTROL ASSOCIATE/INVENTORY CONTROL SPECIALIST, ARCO PRUDHOE BAY MATERIALS
Responsible for overseeing and assignment of personnel performing physical inventories. Analyzed, researched and reconciled inventory management levels located on-site at ARCo's major oil field discovery, Prudhoe Bay, Alaska.

BOARDS & COMMISSIONS

February, 2018
to Present

~~Alaska Pacific University Board of Trustees~~ **Kenai Peninsula Borough Board of Trustees** Organizational Management. ~~Graduated Cum Laude~~ to KPBA Assembly on 645 miles of non-incorporated areas roads standards, maintenance, construction, right-of-ways, improvements, etc.

May, 2019
to Present

~~Alaska Pacific University Board of Trustees~~ **Alaska Republican Party Commission on the State of Alaska** Organizational Management. ~~Graduated Cum Laude~~ to the State of Alaska to ensure 2020 Census success.

2015
to December, 2017

BOARD OF EQUALIZATION, KENAI PENINSULA BOROUGH
Alternate on Board that heard and ruled on property owners' challenges to their assessed property values.

EDUCATION

December, 1997

Alaska Pacific University, Anchorage, Alaska. B.A., Business, Organizational Management. Graduated Cum Laude.

Additional Skills

Computers: Proficient in MicroSoft Applications: Excel, Word, PowerPoint, Internet competent

Training

Seminars/ CPE Courses: Contract Auditing, Advanced Fraud Auditing, Oil & Gas Accounting, Auditing For In-Charge Auditors, Time Management, Prudhoe Bay Maintenance System, Interactive Financial Planning, Assertiveness Training, Interpersonal Skills Workshop, Interviewing Skills, Workshop of Work Leaders, Cultural Diversity in Alaska, Conflict Management, Problem Solving, Individual Development Seminar, Toxic Substances Control/Hazardous Materials, Negotiation Skills Workshop.

INTERESTS

Volunteer Service

Extensive life-time service to non-profit organizations including: Red Cross, District 1 Little League, Abbott-O-Rabbit Little League, Campfire, Anchorage Community Theatre, United Way, Beans Cafe, Food Bank of Alaska, Nikiski Neighbors Food Pantry, Iditarod, PTA, North Kenai Chapel, Nikiski Community Council (Officer), North Kenai Community Club (Secretary), Alaska Republican Party District 29 (Vice Chair, Bonus Vote, Treasurer), Republican Women of the Kenai (President), events & activities organizer, multiple political campaigns (APOC Treasurer for two candidates), et.al.

Current & Past Memberships

Daughters of the American Revolution, MENSA, National Rifle Association, Republican Women of the Kenai

Other Interests

Grandchildren, snowmobiling, fishing, traveling, four-wheeling, genealogy, scrapbooking, quilting

REFERENCES

Wayne Ogle 50160 Birch Grove St., Kenai, AK 99611; (907)690-1308(c)

Kelly Tshibaka PO Box 200824, Anchorage, AK 99520; (907)419-7738

Mike & Kay 35186 Kenai Spur Hwy, Soldotna, AK 99669; (907)398-6835(c) or (907)398-1025

Michele A. Hartline

Tauriainen

**PROFESSIONAL EMPLOYMENT
(CONTINUED)**

At Large

From: Hanson, Ben
To: Planning Land Management
Subject: Resilience & Security Advisory Commission Application Submission
Date: Friday, September 04, 2020 2:57:24 PM
Attachments: 2f2c65357a72-rsac-resume-randy-a.pdf

Hello,

An application has been submitted by Randy Arndt. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Randy Arndt
Mailing Address: PO Box 1477 Homer, AK 99603-1477
Residential Address (if different from mailing address): 58231 Glacierview Rd S Homer, AK 99603
Email: randyarndt@acsalaska.net
Mobile: 907-399-1799
Work Phone: 907-399-1799
Home Phone: 907-235-7028
Occupation or place of employment: Self Employed
How long have you lived in the area served by this Resilience & Security Advisory Commission? 63 yrs
In which of the 10 areas defining the scope of the commission do you have experience? All of them.
What knowledge, experience, or expertise will you bring to this board? This Commission defines what has become my life's work. 6-Star Custom Home Builder Only Area GSHP Installer Very versed in Energy Efficient Building methods and Systems Life Time Alaskan
Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or task forces? No
Are you available for: Night meetings Day meetings
Comments (areas of interest, additional experience or qualifications, etc.): Anything to do with help Alaska develop and move forward. Would like to see the KP/B provide some direction for future home builders that are in the interest of all involved.

Randy Arndt
58231 Glacierview Rd S #1477
Homer, AK 99603-1477

907-399-1799 Cell
907-235-7028 Home/Fax

Objective

1. Provide background on my life to date in Alaska
2. Provide my experience of 60+ Years Living/Working in Alaska
3. Learn from others on the board
4. Help guide the KPB to develop a sound path forward for this and future generations

Summary

1. All governments are designed to provide guidance and protection to it's Citizens. Therefore it must receive input from those it governs over and the R&SAC is one of those sources of information. It should represent all factions of the public to insure that all the needs for development and preservation of the Alaskan way of life are assured.

Experience

1. Started working here in Homer in 1970 at the age of 14. At that time my Father ran a Construction Business doing dirtwork and building construction. We installed the Homer Water and Sewer systems over the next couple of years.
2. After High School I continued to work for the family business as we branched out to working Statewide providing Airports and Roads to developing areas from South Central to North Slope.
3. This varied and often difficult work taught me the need for an open mind when battling the diverse Alaska landscapes and challenges.
4. During this time we build 27 remote Airports and 100's of miles of roads providing much needed access for town and villages to resources they needed to move forward and remain safe.
5. Then around 2005 as that chapter of my life closed down, I started my own business building houses here in Homer. As this developed I became more interesting in the Energy Efficiency side of building and soon was trained and installing Ground Source Heat Pumps, the second

person in the State to do so, I believe.

6. This then evolved into building 6-Star rated homes, using Solar Passive designs and Passive House techniques, IAQ and other energy efficient practices. I developed a design for crystal clear high solar input windows while providing low U-Values. Last I checked I had built half of the 6-Star homes registered with the State here in Homer.

Education

1. Graduated HHS 1974
2. Attended the following Colleges
3. Kilgore College – Kilgore TX
4. LeTourneau University – Longview TX
5. U of Wash – Seattle WA
6. I have been Educating myself since then through CE classes and now online Classes it is an never ending ride.

Skills

1. Having being raised An Alaskan I am pretty much capable of anything.
2. Having worked in the bush most of my life I can think creatively and outside the box.
3. I am self-motivated and am continually furthering my education, have not yet met anything that completely stopped me.
4. Able to see things differently than the main stream and am a bit of an visionary on how things might or might not work out.
5. I can build things and develop ideas in my head and envision the outcome before they enter reality.
6. I am pretty good with people and pushing ideas forward.

Reference – Upon Request

1. Lastly : When I saw this Committee, I realized that it was just up my alley, most all the things listed as objectives were also things that I care about. So I would be honored to do my civic responsibility and be part of it and help provide sound and wise advise and direction to the KPB leadership.

Thank You, Randy Arndt

At Large

Wastell, Pam

From: Planning Land Management
Sent: Tuesday, September 01, 2020 2:04 PM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f4ea8461c695-resume-jan2020.doc

Thank You,

Ann Shirnberg
Administrative Assistant
Planning Department
(907) 714-2215

KENAI PENINSULA BOROUGH
144 North Binkley Street
Soldotna, Alaska 99669



PUBLIC RECORDS LAW DISCLOSURE: This email and responses to this email may be subject to provisions of Alaska Statutes and may be made available to public upon request.

From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Tuesday, September 1, 2020 12:00 PM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by ROWLAND SCOTT WATERMAN. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: ROWLAND SCOTT WATERMAN
Mailing Address: PO BOX 31 HOMER, Alaska 99603
Residential Address (if different from mailing address): ,
Email: info@sevnw.com
Mobile:

9078413705

Work Phone:

9078413705

Home Phone:

Occupation or place of employment:

Retired

How long have you lived in the area served by this Resilience & Security Advisory Commission?

2 years full time, 12 years part time

In which of the 10 areas defining the scope of the commission do you have experience?

Energy efficiency, renewable energy, energy related to agriculture, transportation

What knowledge, experience, or expertise will you bring to this board?

I managed energy efficiency and renewable energy programs at the Alaska Housing Finance Corporation for homes, and currently own a small renewable energy business.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

None

Are you available for:

Night meetings Day meetings

Comments (areas of interest, additional experience or qualifications, etc.):

I can bring to this commission solid organizational management experience. I have worked in various area organizations for almost all of my career. I have vast experience in energy efficiency in buildings, and initiatives in the 2010-2012 time frame through AHFC. I can assist in developing plans for economic initiation and management, and am well suited to bringing consensus to a group and have much experience in group dynamic. I currently sit on the Board of Directors of the Association, and the Renewable Energy Alaska Project (REAP).

Scott Waterman

PO Box 31
Homer, Alaska 99603

Email: scottwaterman@gmail.com

Phone: (907) 841-3705

QUALIFICATIONS AND SKILLS SUMMARY & HIGHLIGHTS

MORE THAN 30 YEARS PROFESSIONAL EXPERIENCE IN ENERGY POLICY AND COMMUNICATIONS. Proven skills in public speaking, program design, project development, energy efficiency and renewable energy, public policy development, writing and editing, event coordination, project administration, utility policy, construction management, technical and grant writing, research and analysis, audio production, and public relations. I played a significant part in an energy efficiency programmatic ramp up from \$7 million per year to nearly \$750 million over three years.

Energy Efficiency and Renewable Energy

- Comprehensive understanding and practical application of air, moisture and energy flows in buildings
- Design, planning and cost estimating of energy efficient retrofits
- Intensive study and understanding of local, national, and global energy issues
- Comprehensive ability to manage efficiency programs, grants, contracts and people
- Clear ability to do research and analysis and to communicate complex energy policy and issues to others
- Broad understanding of renewable & energy efficiency systems and cost benefit analysis abilities
- Recognized speaker on energy, health, safety, comfort, durability and affordability problems in housing

Technical/Construction and Construction Management

- Keen ability to diagnose and troubleshoot complex systems
- Built two personal ultra-energy efficient homes – one near net zero
- Plan, develop and implement individual projects, village projects, and programs
- Oversee contracts and contractors, monitoring compliance and budget analysis
- Building Performance Institute Building Analyst Certification
- Lead Hazard Risk Assessor and Inspector Certification obtained (expired)
- Association of Energy Engineers Certified Energy Auditor (CEA)
- Quality Assurance Inspections (aviation, housing, program compliance)

Project and Personnel Management

- General Manager, Project Manager and Program Director, supervise up to ten direct employees and up to 60 volunteers
- Key planner in development of Home Energy Rating Program, Public Facilities Retrofit, & EE Education
- Develop and administer budgets in excess of \$20 million per year
- Manage multiple contracts and grants, facilitate technical assistance, education, and contractor monitoring.
- Developed Building Monitoring program in use in over 200 public facilities
- Volunteer coordinator for radio – Supervise, schedule and coordinate up to 60 volunteers for air shifts 6am-midnight 365 days a year
- Work center supervisor for five employees in aviation electronics
- Keen analysis of program evaluation

Event Coordination

- 4X Chair of Energy Northwest/OutWest conference with up to 500 attendees 1998-2004
- Charter member Beaming Biioneers Conference 2004-2008 (up to 425 attendees)
- Planning committee for Cold Comfort Conferences 1996-2000 (up to 350 attendees)
- Volunteer coordinator for events – manage and coordinate up to 30 people for planning and events
- Numerous concert and festival planning efforts
- Oceans Festival planning group 2005

Media, Public Speaking & Public Relations

- Numerous public presentations on housing, energy efficiency, and energy policy to over 5000 participants
- Radio Announcer/Public affairs programming for six different radio station in Alaska.
- Presenter for consumers, builders and Realtors on a variety of energy and housing issues
- Keynote speaker 2005 Alaska State Homebuilder's Association State Conference
- Plenary Speaker for Native Renewable Energy Summit, Denver CO 2005

Writing and Editing

- Three years of daily news reporting and writing experience for radio
- Operations manuals for radio, energy raters and housing professionals
- Numerous successful grant applications to corporations, foundations, state and federal government
- Position papers for public policy development
- Articles for building science publications

EDUCATION

Classes at University of Alaska Anchorage 1982, Massasoit Community College 1977

Basic Aviation Fundamentals, Basic Electricity and Electronics, Basic and Advanced Aviation Electronics USN, Millington, TN, 1977, DC-9/MD80 Aviation Electronic and Navigation Systems, St Louis MO 1979

Continuing education has included workshops in grant writing and management, utility policy, commercial building auditing and retrofit, financial regulations for federal grants, adult education and presentations, cold climate homebuilding, extensive training in building energy use and efficiency, furnace and boiler operation and maintenance, building air tightness, Lead hazard and Risk Assessor/Inspector Certification. Media and radio workshops on editorial procedures, writing radio newscasts researching a story. Using computers in audio production, advanced editing techniques. multi-track production, field recording techniques. Additional workshops on audience research and analysis, audience marketing and building. Proficient in computer software including Word, Excel, Ventura, PowerPoint, Microsoft Project and Front Page. Other training includes courses in Neuro-Linguistic Programming, Psychodrama, Phrenology, disaster leadership and response, outdoor emergency skills, first aid, CPR w/AED, and blood borne pathogens.

PROFESSIONAL WORK HISTORY (Summary)

Owner – Spirited Energy Ventures. Wholesale and retail sales of solar photovoltaic components 2018-present

ALASKA HOUSING FINACE CORPORATION, Anchorage, AK
Energy Program Manager, Home Energy Rating Program Manager, 2000-2018
Weatherization Assistance Program Manager 1994-2000, Project Specialist 1993-94

REAL ESTATE SALES

Heritage Real Estate, Wasilla 1991-93, Aurora Properties, Wasilla, AK 1990-91

RADIO

Interim General Manager, KBBI Homer, AK 2019. Announcer, Ad sales and production, Traffic Coordinator, Volunteer Coordinator, News Reporter, KABN-AM Big Lake AK 1982-87. General Manager, KIYU-AM, Galena, AK 1988. Program Director, KRBD, Ketchikan 1989-90
News Writer, Alaska Public Radio Network 1990-92, 9th Alley Blues host, KNBA-FM Anchorage 1999-2015

HOME CONSTRUCTION

Various contractors 1981-84, Technical manager, Enerdynamics, Wasilla 1983-84
Built two ultra-energy efficient homes for myself 1991-94 and 2002-04

AVIATION ELECTRONICS TECHNICIAN

US Navy, 1976-1981, World Airways 1981, Oakland, CA, North End Aviation, Willow, AK 1984

BOARD AND VOLUNTEER SERVICE

Charter Board member, WAP/TAC Weatherization Assistance Program Technical Advisory Council 1995-2000
Board Member National Association of State Community Service Providers 1997-2000
Chairman Energy Northwest, Energy OutWest Conference Planning Committee 1998-2004 Board Member, Energy OutWest Conference Planning Committee , 1995-2006, Board Member Energy OutWest 1996 -1999
Bioneers in Alaska Planning Committee 2003-2009
Advisory Board Member Renewable Energy Alaska Project 2005-2018, Board member 2019-present
Alaska Solar Energy Industry Association Board Member 2019-Present
Board member, Alaska Building Science Network 2019-present

AT LARGE

Wastell, Pam

From: Planning Land Management
Sent: Thursday, September 03, 2020 6:03 AM
To: Wastell, Pam
Cc: Mueller, Marcus
Subject: FW: Resilience & Security Advisory Commission Application Submission
Attachments: 5f5034cb5084c-raveloam-cv-2020.docx

Thank You,

Ann Shirnberg
Administrative Assistant
Planning Department
(907) 714-2215

KENAI PENINSULA BOROUGH
144 North Binkley Street
Soldotna, Alaska 99669



PUBLIC RECORDS LAW DISCLOSURE: This email and responses to this email may be subject to provisions of Alaska Statutes and may be made available to public upon request.

From: Kenai Peninsula Borough <webmaster@borough.kenai.ak.us>
Sent: Wednesday, September 2, 2020 4:12 PM
To: Planning Land Management <LMWeb@kpb.us>
Subject: Resilience & Security Advisory Commission Application Submission

Hello,

An application has been submitted by Alexandra Ravelo. Information from the submission is shown below.

Resilience & Security Advisory Commission Application

Name: Alexandra Ravelo
Mailing Address: PO Box 3540 Homer, Alaska 99603
Residential Address (if different from mailing address): 53500 Marimac Rd Homer, Alaska 99603
Email: alexandramavelo@gmail.com
Mobile:
Work Phone:

Home Phone:

Occupation or place of employment:

Project GRAD Kenai Peninsula

How long have you lived in the area served by this Resilience & Security Advisory Commission?

2 years

In which of the 10 areas defining the scope of the commission do you have experience?

6, 9 and 10

What knowledge, experience, or expertise will you bring to this board?

I have extensive experience in grant writing related to science and education. As a research scientist, I worked to create a comprehensive understanding of the marine ecosystem, and how to better protect resources around the Kenai Peninsula, which is a "non-profit school improvement, college access and student enrichment program partnership for the Kenai District and seven local communities". As a part of this organization, I have growing connections and a deep understanding of southern Kenai Peninsula lifestyles and challenges.

Have you, or do you currently, serve on other Kenai Peninsula Borough commissions, boards or committees?

No

Are you available for:

Night meetings

Comments (areas of interest, additional experience or qualifications, etc.):

I am interested in working with the commission on researching alternatives to reduce landfill waste. Seeking ways to increase waste reduction, increase opportunities of outdoor recreation, etc. I am also interested in being involved in food security while protecting natural habitats.

I truly believe that having more opportunities and ways of recreating outside make for a more resilient and healthy community. I am working towards planning projects to make KPB more bike and pedestrian friendly.

Alexandra M. Ravelo, Ph.D.

alexandramavelo@gmail.com

[Research Gate](#)

EDUCATION

PhD, Marine Biology (2016) University of Alaska Fairbanks, College of Fisheries and Ocean Sciences

BS, Biology (2004) Universidad Nacional de Córdoba, Argentina

APPOINTMENTS AND WORK EXPERIENCE

2019 – Ongoing. STEAM (Sci., Tech., Eng., Art and Math) Coach for Project GRAD.

Duties: Design and deliver STEAM curricula for afterschool programs for underserved schools in the Kenai Peninsula, Alaska.

2017 – Ongoing. Science Instructor and program designer for Inspiring Girls Expeditions.

Expeditions: Girls on Water, Girls on Ice Alaska and Girls on Ice North Cascades

Duties: Pre-expedition logistics, participant selection, and development of science curricula, science and wilderness mentoring in the back country, safety and team management.

2018 – 2020. Adjunct Faculty. University of Alaska.

Courses: Fundamentals of Biology (BIOL A106), Principles of Ecology (BIOL A271)

Duties: Develop and deliver class lectures, homework and evaluations.

2017 – 2018. Research Biologist. Sitka Sound Science Center, Sitka, Alaska.

Duties: PI for project titled “The nutritional quality of *Macrocystis pyrifera* at the northern end of its range”, project management, including sample collection and processing for stable isotope analysis, analysis of results and reporting, budget and schedule management, and mentoring of undergraduate students participating in the project.

Director of the Scientist in Residency Fellowship program: recruitment and selection of fellows, travel logistics, budget and schedule management, facilitate outreach activities for fellows with local community schools, and preparation of final report.

2016 – 2017. Postdoctoral Fellow. University of Alaska Fairbank.

Project: “Biogeography of epibenthic assemblages in the central Beaufort Sea”

Duties: Data analysis and archival. Coordination with multidisciplinary research team for data sharing and final report preparation. Write and submit results for peer-reviewed publication.

2010 – 2015. Teaching Assistant. University of Alaska Fairbanks.

Courses: Scientific diving (MSL 220, 2012-2015). Field studies in sub-tidal ecology (MSL 421, 2012-2015). Introduction to fisheries management (FISH 101, 2014). The Oceans (MSL 111, 2010-2011)

2009 – 2010. Marine Protected Species Observer for RPS Energy.

Duties: Conduct visual and acoustic observations for protected marine species for clients within the seismic and oil industries in compliance with the requirements of the National Marine Fisheries Service and Bureau of Ocean Energy Management.

2008 – 2010. Sea Sampler for the International Pacific Halibut Commission.

Duties: Collect catch per unit effort data, transmit quality-controlled data in season, coordinate survey objectives with vessel captain and crew, monitor fish offload and handle fish sale transactions in port, mark and recapture experiments, sea bird surveys, reporting of interactions with marine mammals, fish genetic and contaminant tissue sample collections, and oceanographic data collection with CTDs. Total deployment: 230 days at sea.

2006 – 2009. Groundfish Observer Program. National Marine Fisheries Service. NOAA.

Duties: Record fishing effort, location, and total catch information. Determine the species composition of catches for multiple fisheries (bottom trawling, pelagic trawling and longline). Biological sample collections, including, size frequencies and sex ratios, stomach samples, genetic samples, otolith and scale samples. Monitor for and document compliance with fishing regulations. Record incidental takes and interactions of marine mammals and seabirds with fishing gear. Total deployment: 375 days at sea.

SKILLS

Certifications: American Academy of Underwater Science – 265 dives logged. PADI advanced diver – 35 dives logged. Wilderness First Responder. Alaska Safe Boating certificate.

Languages: Native proficiency in Spanish. Good knowledge of Portuguese.

Software: R, ArcGIS, PRIMER, Matlab, Photoshop, Data archival and repository - Provenance Aware Synthesis Tracking Architecture (PASTA).

PROFESSIONAL SERVICES AND ORGANIZATIONS

Peer Reviewer for journals: *Deep Sea Research II*, *Journal of Experimental Marine Biology and Ecology*, *Polar Biology*, *Journal of Experimental Marine Biology and Ecology*
University of Alaska Diving Control Board, student representative (2013 – 2016)

SYNERGISTIC ACTIVITIES

Field support for marine focused research projects: S. López (UFRJ, 2005), S. Savard (UAF, 2011), K. Iken (ZEN, 2011), K. Powell (UAF, 2012-2013), S. Traiger (UAF, 2014), D. Rasher (UM, 2014), J. Metzger and A. Bland (UAF, 2016-2017), L. Bell (SSSC, 2017), E. Collins (UAF, 2017), C. Guo (UAF, 2018), S. Saupe (CIRCAC, 2019)

Mentoring experience for marine related projects: Christina Nicely (UAF, 2014), Kristina Long, Nico Dellacroce, Anthony Walloch and Makenzie Wiser (UAS, 2018), Muriel Reid (Mt Edgecumbe high school, 2018)

Science Outreach: Bringing science and marine organisms to classroom (2011-2016). Marine science educator for Barnette Magnet School Aquanauts program (2016)

Workshop development: Inspiring Girls Expeditions instructor training in Kachemak Bay for Girls on Water (Summer 2018)

Workshop participation: Mindful Leadership, UAF, Fairbanks, AK (2018). Inspiring Girls Expeditions mentoring and curricula development, remote (2018). Co-production of knowledge in Alaska, Alaska Marine Science Symposium, Anchorage, AK (2018). Ecological Data Initiative, Albuquerque, NM (2017). Arctic Council's State of the Arctic marine biodiversity working group, Iceland (2016).

PUBLICATIONS

Ravelo AM, B Konar, JM Grebmeier & AR Mahoney. (in prep.) What lies beneath the ice: Sea ice metrics as indicators of benthic communities in the Alaska Arctic.

Ravelo AM, BA Bluhm, N Foster & K Iken (2020) Biogeography of epibenthic assemblages in the central Beaufort Sea. *Marine Biodiversity*. [10.1007/s12526-019-01036-9](https://doi.org/10.1007/s12526-019-01036-9)

Konar B, M Edwards, A Bland, **AM Ravelo**, S Traiger & BP Weitzman (2017) A swath across the great divide: kelp forests across the Samalga Pass biogeographic break. *Continental Shelf Research*. [10.1016/j.csr.2017.06.007](https://doi.org/10.1016/j.csr.2017.06.007)

- Jørgensen LL, P Archambault, M Blicher, N Denisenko, G Gudmundsson, K Iken, V Roy, J Sørensen, N Anisimova, C Behe, B Bluhm, V Metcalf, S Olafsdottir, T Schiøtte, O Tenda, D Piepenburg, **AM Ravelo** & M Kendra (2017) State of the Arctic marine biodiversity. Arctic Council, Circumpolar Biodiversity Monitoring Program - Conservation of Arctic Flora and Fauna. <http://hdl.handle.net/11374/1955>
- Ravelo AM**, B Konar, BA Bluhm & K Iken (2017) Population dynamics of the Arctic dominant brittle star species *Ophiura sarsii* and *Ophiocten sericeum*. Continental Shelf Research. [10.1016/j.csr.2017.03.011](https://doi.org/10.1016/j.csr.2017.03.011)
- Ravelo AM**, B Konar & BA Bluhm (2015) Epibenthic community variability on the Alaska Beaufort Shelf. Polar Biology. [10.1007/s00300-015-1741-9](https://doi.org/10.1007/s00300-015-1741-9)
- Ravelo AM**, B Konar, JH Trefry & JM Grebmeier (2014) Epibenthic community variability in the northeastern Chukchi Sea. Deep-Sea Research II. [10.1016/j.dsr2.2013.07.017](https://doi.org/10.1016/j.dsr2.2013.07.017)
- Konar B, **AM Ravelo**, J Grebmeier & JH Trefry (2014) Size frequency distributions of key epibenthic organisms in the eastern Chukchi Sea and their correlations with environmental parameters. Deep Sea Research II. [10.1016/j.dsr2.2013.07.015](https://doi.org/10.1016/j.dsr2.2013.07.015)

GRANTS, FELLOWSHIPS AND AWARDS

2018. Biomedical Learning and Student Training Faculty Pilot Project Grant.
2015. University of Alaska Graduate School thesis completion grant.
2014. North Pacific Research Board Graduate Student Research Grant Award.
2014. Graduate School travel award.
2013. Alaska EPSCoR travel grant.
- 2013 and 2015. Robert Byrd Scholarship.
- 2012 and 2013. Alaska Space Grant Graduate Student Fellow.
2012. Best graduate student dean's recognition.
2011. Prince William Sound Oil Spill Recovery Institute Graduate Student Research Fellow.

CONFERENCE AND SEMINAR PRESENTATIONS

- Ravelo AM**, B Bluhm, N Foster & K Iken (2019) "1000 meters under the Beaufort Sea". Alaska Marine Science Symposium.
- Ravelo AM** (2017) "A glimpse into the Alaskan Arctic marine systems". Faculty of Biosciences, Fisheries and Economics Akvasem Seminar, University of Tromsø, Norway.
- Ravelo AM**, B Konar, B Bluhm & K Iken (2016) "Growth and production of the Arctic brittle stars: *Ophiura sarsii* and *Ophiocten sericeum*". Benthic Ecology Meeting. Portland, Maine.
- Ravelo AM**, B Konar, J Grebmeier & AR Mahoney (2016) "What lies beneath the ice: Sea ice as a driver of benthic communities in the Alaska Arctic". Alaska Marine Science Symposium. Anchorage, Alaska.
- Ravelo AM**, BP Weitzman, D Rasher & R Steneck (2015) "Communities associated with crustose coralline algae reef habitat in the western Aleutian Islands". Alaska Marine Science Symposium. Anchorage, Alaska.
- Ravelo AM** (2014) "Epibenthic community patterns on the Alaska Arctic shelves, environmental drivers of community variability and dominant brittle star population dynamics". CEBIMAR (Center for Marine Biology) Seminar, University of Sao Paulo, Brazil.
- Ravelo AM** & B Konar (2014) "Correlating sea ice variables to epibenthic communities on the Alaskan Arctic shelves". Ocean Sciences Meeting. Honolulu, Hawaii.