

# WAYNE LEIGHTY

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## EDUCATION

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| University of California, Davis  | 2006 – 2010 |
| <i>Specialization: finance and emerging energy technology</i>                        |             |
| MBA, Graduate School of Management   | June, 2010  |
| Ph.D., Sustainable Transportation Energy Program                                     | 2010        |
| M.S. Transportation Technology and Policy / M.S. Agricultural and Resource Economics | 2008        |
| Brown University, Providence, RI   | 1997 – 2001 |
| B.S. Environmental Science / B.A. Economics  |             |

## EXPERIENCE

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**Chief of Staff**, Alaska State Senator Gretchen Guess, Juneau, Alaska 2003 – 2006

### *Major Successes*

- Collaborated with a small team to analyze a \$25 billion natural gas pipeline contract and advise legislators on the decision to continue negotiations for a better contract
- Served as key advisor to the Senator on major changes to oil and gas tax laws passed in 2006
- Brokered compromise with legislators and stakeholders on identity theft legislation passed in 2008

### *Major Responsibilities*

- Developed policy through discussion of critical principals with the Senator, collaboration with legal staff to draft bills, and authoring of sponsor statements to explain the bills to legislators and the press
- Rapidly analyzed legislation and compiled background research to brief the Senator prior to votes
- Authored opinion editorials and press releases published in statewide newspapers; advised the Senator on issues related to natural resources, state affairs, and judiciary committees; promoted from Legislative Aide to Chief of Staff in June, 2005

**General Manager**, Auk Ta Shaa Discovery, Juneau, Alaska 2002 – 2003

- Increased profit 20% through operational efficiency and aggressive sales of high-margin products
- Developed a supportive culture of teamwork among seasonal staff of 15 serving 9,000 clients
- Facilitated the transition during a partial ownership change that quadrupled profits

**Research Analyst**, Industrial Economics, Inc., Cambridge, MA 2001 – 2002

- Created a flexible model of environmental damage cost that won an \$11 million settlement

**Guide**, Auk Ta Shaa Discovery & Alaska Discovery, Inc., Juneau, Alaska 1996–2000

- Managed and led successful whitewater rafting, canoeing, and sea kayaking expeditions in Alaska
- Contributed to company success through teamwork with guide staff to provide outstanding customer service before, during, and after each trip

## ACTIVITIES AND AWARDS

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*University of California, Davis* (GPA: 3.98)

Emerging Venture Analyst (Energy Efficiency Center), Green Tech. Entrepreneurship Academy  
Dean's Fellowship, Chevron Graduate Fellowship, Graduate Automotive Technology Fellowship

*Brown University* (GPA: 3.95)

Royce Fellow, Faculty Scholar, Magna Cum Laude with Honors

## SELECTED PUBLICATION TITLES

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- |   |      |
|---|------|
| • Repowering California Wind: Benefits and Barriers   | 2008 |
| • Modeling of Energy Production Decisions: an Alaska Oil Case Study                                     | 2008 |
| • Government Leasing Policy and the Multi-Stage Investment Timing Game in Offshore Petroleum Production | 2007 |
| • Advanced ICE Vehicles: an Assessment of the Technologies for Next Generation Vehicles                 | 2007 |
| • Effects of Management on Carbon Sequestration in Forest Biomass in southeast Alaska                   | 2006 |