



OSER 10

Ocean Sciences Graduate Education Profile

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Ocean Leadership

The Past

- Current Status: Data From Latest Survey: Conducted Late Spring-Early Summer 2010 for AY 2007, 2008, 2009
- Trends
 - 1978-: Ten JOI Institutions
 - 1996-: CORE Data
 - 2003-: Past Three Surveys
- Issues: Multiple Years, New Survey Tool, Variable Participation, Unfunded Best Effort
- So What Is Robust?: Ratios....

Today

- Not True To Form: No Ternary, No Log-Linear
- True To Form: No Pies or Bars
- Alas Tables

Participation

- Annual Surveys for Past Seven Years
- Setback from OSER 08...25 Institutions, 24 Programs (Was 34, 30)
- Only 13 Programs Span All Seven Surveys (So No Robust Time Series)

The 2009-2010 Snapshot

- Time to Degree
- The New Question: From Where...
- Application-Admit-Enroll Sequence
- Gender Diversity
- Ethnic Diversity

Time Scales

	Enroll (y)	Population	Tau (y)
Bio	114	402	3.5
Chem	36	163	4.5
Geo	41	178	4.3
Phys	44	161	3.7
Oc Eng	14	51	3.6
Fish	52	202	3.9
Mean MS			2.9
Mean PhD			6.0

Student Background (09-10)

	US Citizen	International
Undergrad: Ocean Science	96	32
Undergrad: Science Discipline	165	24
Undergrad: Other	12	0
Master: Ocean Science	32	23
Master: Science Discipline	39	30
Master: Other	3	1

Applications

	Male	Female	Female/Total	Total
Bio (14)	205	349	.63	554
Chem (15)	82	122	.60	204
Geo (13)	110	110	.50	220
Phys (15)	128	117	.48	245
Oc Eng (4)	66	45	.41	112
Fish (7)	103	143	.58	246

Applications/Admit/Enroll

	Applications	Admissions	Enrollments
Bio	554	140 (25%)	114 (81%, 21%)
Chem	204	72 (35%)	36 (50%, 18%)
Geo	220	72 (32%)	41 (57%, 19%)
Phys	245	98 (40%)	44 (45%, 18%)
Oc Eng	111	27 (24%)	14 (52%, 13%)
Fish	246	61 (25%)	52 (85%, 21%)

US/International

	Application	Admission	Enroll
US Citizen	1552	532	329
International	513	117	66
Ratio	3.0	4.5	5.0

Ethnic Diversity (US Citizens)

	White	Hispanic	Asian- America	Native- America	African- America	Other
Apply	1313	76	53	5	19	199
Admit	489	11	13	3	10	24
Enroll	285	11	13	7	13	24
Program	960	37	25	10	15	35
Tau	3.4	3.4	1.9	1.4	1.2	1.5
2010	88.7%	3.4%	2.3%	0.9%	1.4%	3.2%
2006	87.1%	3.7%	2.9%	0.6%	3.0%	2.6%

Discussion Issues

- Survey Tool and Data Fidelity
- Sustaining The OL Survey: Why, How?
- Ethnic Diversity

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