

Engineering & Technology

Industry Council

Performance Scorecard

Biennium 2003-2005

Materials Science Institute

University of Oregon

August 31, 2004

Fiscal Summary

FYO4¹ as of 06/30/04

	Total Available²	YTD Actual³	Year-End Projection⁴	Projected Variance⁵
ETIC Investments⁶	\$834,842	\$374,553	\$374,553	\$460,289

(1) Fiscal year ending June of indicated year.

(2) Prior year carry-forward plus current fiscal year budget

(3) Year to Date as of date shown in title.

(4) Sum of encumbered and other forecasted expenses.

(4) Year-End Projection vs. Total Available

(5) Total for all ETIC funded programs at institution

(2)-(5) Attach ETIC Financial Info spreadsheet with matching values

Private Support¹

FY04² as of 06/30/04

Donor	Description	Value
Intel Corp.	2 MS internships	\$82,494
Hynix Semiconductor	2 internships	\$82,494
Willamette Valley Co	1 internship	\$41,247
Bend Research	2 internships	\$82,494
Dynea	1 internship	\$41,247
Hewlett Packard	2 internships	\$82,494
Specialty Polymers	1 internship	\$41,247
Marker Gene Technologies	2 internships	\$82,494
Molecular Probes	1 internship	\$41,247
TCI America	1 internship	\$41,247
Lacamas Laboratories	1 internship	\$41,247
Intel Corp.	3 PhD internships	\$123,741
Willamette University	1 teaching internship	\$6,000
Hynix Semiconductor	Student Fellowships	\$33,800
Oregon Graduate Institute	Equipment Donation	\$130,000
Pacific NW National Labs	6 PhD internships	\$81,600
National Renewable Energy Lab	1 PhD internship	\$13,600
	Total	<u>\$1,048,740</u>
	Annual Goal ³	\$1,738,083
	Variance	\$689,343

- (1) Per Policy on Private Support Reporting <http://www.oregonetic.org/mission/eticprivatematch5.pdf>
- (2) Fiscal year ending June of indicated year.
- (3) From ETIC Plan for 2003-2005 Biennium. For first year of biennium, Annual Goal is goal given in plan. For second year of biennium, Annual Goal is total goal for Biennium less private support received in first year.

Other Leverage -- Federal & Other Grants

As of 06/30/04

Grantor	Description	Value
Intel-OUS Engineering Curriculum	Undergraduate Research Boot Camps	\$30,000
Intel-OUS Engineering Curriculum	Materials Analysis Education Initiative	\$30,000
National Science Foundation	D. Belitz Research	\$82,000
National Renewable Energy Laboratory	J. D. Cohen Research	\$77,443
National Science Foundation	M. Deutsch Research	\$124,803
Air Force Office of Science and Research	M. Deutsch Research	\$175,960
US Army Research Office	M. Deutsch Research	\$50,000
National Science Foundation	M. Guenza Research	\$55,375
National Science Foundation	M. Haley Research	\$52,816
National Science Foundation	M. Haley Research	\$115,901
Snyder Foundation	R. Haydock Research	\$30,000
U.S. Dept of Education	Graduate Assistance in Areas of National Need	\$393,522
Henry and Camille Dreyfus Foundation	J. Hutchison Research	\$20,000
National Science Foundation	J. Hutchison Research	\$108,000
L'Oreal Corp.	J. Hutchison Research	\$101,134
National Science Foundation	H. Linke Research	\$97,222
National Science Foundation	Poly Camp Undergraduate Program	\$21,034
National Science Foundation	M. Lonergan Research	\$90,000
Research Corp - Cottrell Scholar Award	R. Taylor	\$75,000
National Science Foundation	D. Tyler Research	\$118,000
National Science Foundation	D. Tyler Research	\$88,000
National Science Foundation	J. Hutchison Research	\$108,000
National Science Foundation	J. Hutchison Green Chemistry Curriculum	\$158,649
Asahi Kasei Corp.	D. Johnson Research	\$101,598
National Science Foundation	CAMCOR SIMS	\$500,000
National Science Foundation	IGERT	\$752,000
National Science Foundation/MSI	IGERT International Travel	\$19,309
National Science Foundation	GK-12	\$588,341
National Science Foundation	D. Johnson, S. Kevan, D. Cohen Research	\$275,000

Other Leverage -- Federal & Other Grants

As of 06/30/04 (Continued)

Grantor	Description	Value
American Chemical Society PRF	G. Richmond Research	\$30,000
U.S. Dept of Energy	G. Richmond Research	\$175,000
U.S. Dept of Energy	G. Richmond COACh	\$100,000
National Science Foundation	G. Richmond COACh	\$61,384
National Science Foundation	G. Richmond COACh	\$129,722
National Science Foundation	G. Richmond Research	\$282,500
UO Cost Share	NSF Richmond	\$15,000
National Science Foundation	G. Richmond REU	\$60,000
Office of Naval Research	G. Richmond Research	\$127,123
Office of Naval Research	D. Johnson Research	\$200,000
U.S. Dept of Energy	S. Kevan Research	\$150,000
National Science Foundation	MRI Lithography-enabled SEM	\$402,085
UO Cost Share for MRI	Lonergan & Linke SEM	\$172,322
U.S. Dept of Energy	D. Johnson Research	\$300,000
U.S. Economic Development Administration	Johnson & Hutchison ONAMI	\$24,035
UO Cost Share for EDA	Johnson & Hutchison ONAMI	\$31,496

Total

\$6,699,774

Faculty Supported

As of 06/30/04

	Goal ¹	Actual ²
Hired in previous biennium ³ :	1	1
Hired in this biennium ³ :	1	1
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Total	1	1

(1) From ETIC Plan for '03-'05 Biennium.

(2) Those currently employed, not including those to be hired later in biennium. Stated as FTE. Includes any adjuncts supported by ETIC funds.

(3) Being supported by ETIC funds during '03-'05 Biennium.

Graduate Category

As of 06/30/04

	AY99	AY03	AY04	AY05	AY06	AY09 ¹
Student Credit Hours						
Goal ²	---	880	1000	1200	1400	1600
Projected/Actual ³	231	900	951	1242	1400	1600
Variance ⁴		+20	-49	+242		
Masters Internship Program						
Internships		21	22	23		
Graduates						
Goal ²	---	21	21	21	21	25
Projected/Actual ³	2	17	12	23		
Variance ⁴		-4	-9			
Ph.D. Internship Program						
Student Credit Hours		180	136	168		
Internships	---	6	11	5		
Graduates	---	1	3	2		

(1)Academic Years ending in June of indicated years.

(2)From ETIC Plan for '03-'05 Biennium.

(3)Actuals for prior years. Projections for years not yet complete, including future years. Projections may be different from goal. Values in the current year or prior years that are not final are indicated with an "E", e.g. 78E.

(4)Projected/Actual less Goal for all years where Goal established, including years with projected values.

Student Metrics

AY04 as of 06/30/04

	Prior Year	Current Year	
	Actual ⁷	Goal ⁶	Actual ⁷
Freshmen SAT/ACT ² :	n/a		
Incoming grad-student GRE ³ :	80%	80%	80%
Women graduating ⁴ :	7 (30%) (10%)	6(30%)	2
Minorities graduating ^{4,5} :	1 (5%)	2(8%)	1 (5%)

(1) Academic year ending in June of indicated year

(2) Percentiles for freshmen that have declared relevant majors. If applicants are required to submit SAT scores, the percentile corresponding to the average composite SAT score of those submitting them. If applicants have choice of SAT and ACT, average composite SAT score and the average composite ACT score, converted to percentiles in each case, and combined as the weighted average of the two.

(3) Percentiles based on the average quantitative score over those submitting such scores; ignoring verbal and analytic scores.

(4) From engineering, computer science, and other programs directly benefiting from ETIC funding, stated as number graduating and as a percent of all those graduating.

(5) Racial and ethnic minorities who are US citizens or permanent residents.

(6) From ETIC Plan for '03-'05 Plan.

(7) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

Research Metrics

FY04¹ as of 06/30/04

	Prior Year	Current Year	
	Actual ⁶	Goal ⁵	Actual ⁶
Research Faculty ²	17		17
Total Research Expenditures ³	\$5,619,836	\$6,000,000	\$6,699,774
Research Expenditures / Faculty ⁴	\$348,280	\$352,941	\$394,104

- (1) Fiscal year ending in June of indicated year
- (2) Number of faculty members whose roles include research
- (3) Total dollars spent by ETIC-related departments towards research during academic year
- (4) Total Research Expenditures divided by Research Faculty
- (5) From ETIC Plan for '03-'05 Plan.
- (6) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

Intellectual Property Metrics

AY04¹ as of 06/30/04

	Prior Year	Current Year	
	Actual ⁶	Goal ⁵	Actual ⁶
Spin-offs ²	0		0
Patent Applications	5		5
Patents Awarded	1		1
Number of Licenses ³	0		1
Revenue ³	\$0		\$0

(1) Academic year ending June of indicated year.

(2) Number of spin offs as reported to Association of University Technology Managers.

(3) Number of patent licenses or other royalty-generating intellectual property licenses granted to commercial entities

(4) Revenue from patent and other intellectual property licenses granted to commercial entities.

(5) From ETIC Plan for '03-'05 Plan.

(6) If actual is not yet available, estimate is marked with "E". If estimate is not possible, "N/A" is shown.

Successes

- Continuing

- Tuition revenue exceeds costs associated with Masters Internship Program

- Grant income exceeds \$390,000 per faculty member

- New

- CAMCOR Microprobe proposal funded

- Enhanced recruitment of talented graduate students

- Thanks to Intel, LSI Logic, and Hewlett Packard for their help

- NSF MRI Lithography Enabled SEM funded

Challenges

- Continuing

- Finding sources of required matching funds for equipment proposals

- New

- Developing collaborations with colleagues at OSU, PSU, and OHSU.

- Space