| Home | Data Entry | Report Tables | Your Account Information |

☐ **Organizations**
  ☐ **Supporting Organizations**
  ☐ NSF Support
■ Institutions
☐ Personnel
☐ Research
☐ Money
☐ Outputs and Impact

Legend
☐ Not Started
▣ In Progress
■ Complete
⚠ Warning
⊖ Error

Organizations

☐ Supporting Organizations

Enter data about organizations that work with or support the work of the ERC.

Organization Types:

Industrial/Practitioner Members (0 active)   Funders of Associated Projects (0 active)

Innovation Partners (0 active)   Contributing Organizations (0 active)

Funders of Sponsored Projects (0 active)   See definitions of organization types

0 active organization(s) entered

Add New Organization

\>> Import Organization

⭐ = new in this award year (08/15/2011–08/14/2012)

Show ⦿ **Active Organizations** ◯ **Inactive Organizations** [Refresh]

Data Entry Status	Name	Support Relationship	Sector	⭐	Org. Status
No organization records found.					

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information	

- ☐ **Organizations**
  - ☐ Supporting Organizations
  - ☐ NSF Support
- ☐ Institutions
- ☐ Personnel
- ☐ Research
- ☐ Money
- ☐ Outputs and Impact

Legend
- ☐ Not Started
- ☐ In Progress
- ☐ Complete
- ☐ Warning
- ☐ Error

Preview tables created with these data: Table 1a | Table 9

Organizations

☐ National Science Foundation Support

+ Show Directions

⊙ Indicates where actual differs from prior award year estimate

CASH SUPPORT

CASH SUPPORT	Received by End of **Reporting Year** Enter data for 08/15/2011–03/15/2012	Promised by End of **Award Year** Enter data for 03/15/2012–08/14/2012	Total
Unrestricted Cash Donations:			
NSF ERC Base Award	0	0	
Other NSF (Not ERC Program)	0	0	
a. Unrestricted Cash Donations Total:	**$0**	**$0**	
Restricted Cash Donations:			
NSF ERC Special Awards and Supplements	0	0	
Other NSF (Not ERC Program)	0	0	
b. Restricted Cash Donations Total:	**$0**	**$0**	**$0**
Residual Carried Over From Previous Year:			
NSF ERC Program	0	N/A	0
Other NSF (Not ERC Program)	0	N/A	0
c. Residual Funds Total:	**$0**	**N/A**	**$0**
Total Cash Support for the Center (a+b+c):	**$0**	**$0**	**$0**

ASSOCIATED PROJECT SUPPORT

ASSOCIATED PROJECT SUPPORT	Received by End of **Reporting Year** Enter data for 08/15/2011–03/15/2012	Promised by End of **Award Year** Enter data for 03/15/2012–08/14/2012	Total
NSF ERC Program	0	0	0
Other NSF (Not ERC Program)	0	0	0
Associated Project Support Total:	**$0**	**$0**	**$0**

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information

☐ Organizations

■ **Institutions**

  ■ **Academic Institutions**

  ■ Diversity Alliances

☐ Personnel

☐ Research

☐ Money

☐ Outputs and Impact

Legend

☐ Not Started

🟨 In Progress

🟩 Complete

🟠 Warning

Preview tables created with these data: Table 6 | Table 7 | Table

Institutions

■ Academic Institutions

Enter data about all academic institutions executing the ERC's Research, Technology Transfer, and Education Programs, including:

- The Lead Institution
- Core Partners
- Collaborating (Outreach) Institutions
- Foreign Partners

- Non-ERC Institutions Providing REU Students
- Community Colleges
- Pre-college Partners

9 institutions entered

Add a new academic institution for this award year

>> Import Academic Institutions

Data Entry Status ⬍	Name ⬍	Institution Type ⬍	Location ⬍	Number of Personnel ⬍	Delete

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

ERC: Washington-SNE Collection
Welcome, Victoria Kwasibors

| Home | Data Entry | Report Tables | Your Account Information | |

- ☐ Organizations
- ■ Institutions
  - ■ Academic Institutions
  - ■ **Diversity Alliances**
    - ○ ■ **AGEP**
    - ○ ■ CREST
    - ○ ■ LSAMP
    - ○ ■ TCUP
    - ○ ■ Other Alliances

Preview tables created with these data: Table 6 | Table 7 | Table 7f

Alliances with NSF Diversity Awardees

AGEP - Alliances for Graduate Education and the Professoriate

Add a new AGEP diversity alliance for this award year

Data Entry Status	Alliance Name	Lead Partner	Number of Personnel	Delete?
No current alliances for this award year.				

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information	

☐ Organizations

■ Institutions

☐ **Personnel**

  ☐ **By Institution**

  ☐ By Person

☐ Research

☐ Money

☐ Outputs and Impact

Legend

☐ Not Started

☐ In Progress

■ Complete

Personnel by Institution

Demographic and Occupational Data for ERC Personnel

Report on individuals who are directly involved in executing activities funded by the Center. They may be paid or unpaid. They may be engaged in leadership/administration, research, or curriculum development and outreach, or they may be REU students or industry researchers.

0 unique personnel entered for all institutions

>> Import Personnel

Click an institution name to view a list of personnel for that institution.

Data Entry Status ⬍	Institution Name ⬍	Institution Type ⬍	Number of Personnel ⬍	Add Perso

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information

- ☐ Organizations
- ■ Institutions
- ☐ **Personnel**
  - ☐ **By Institution**
  - ☐ **By Person**
- ☐ Research
- ☐ Money
- ☐ Outputs and Impact

Preview tables created with these data: Table 1a | Table 3b | Table 6 | Table 7 | Table 7a

Preview figures created with these data: Figure 7b | Figure 7c | Figure 7d |

Personnel

Personnel by Person

Demographic and Occupational Data for ERC Personnel

Report on individuals who are directly involved in executing activities funded by the Center. They may be paid or unpaid. They may be engaged leadership/administration, research, or curriculum development and outreach, or they may be REU students or industry researchers.

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

| Home | Data Entry | Report Tables | Your Account Information |

☐ Organizations

■ Institutions

☐ Personnel

☐ **Research**

   ☐ **Thrusts and Clusters**

   ☐ Projects

☐ Money

☐ Outputs and Impact

Legend

☐ Not Started

🟨 In Progress

🟩 Complete

⚠ Warning

Preview tables created with these data: Table 2 | Table 8

Preview figures created with these data: Figure 2a | Figure 8a | Figure 8b

Thrusts and Clusters

Thrusts (0)   Projects (0)

Clusters (0)   See definitions of thrusts, clusters, and projects

0 thrust(s) entered

Add a new thrust for this award year

>> Import Thrusts and Clusters

Data Entry Status	Thrust Name	Clusters	Total Current Year Budget	Total Estimated Next Year Budget
No thrust records found.				

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information	

- ☐ Organizations
- ■ Institutions
- ☐ Personnel
- ☐ **Research**
  - ☐ Thrusts and Clusters
  - ☐ **Projects**
- ☐ Money
- ☐ Outputs and Impact

Legend
- ☐ Not Started
- ■ In Progress
- ■ Complete
- ⓘ Warning
- ⓘ Error

Preview tables created with these data: Table 2 | Table 8 | Table 9

Preview figures created with these data: Figure 2a | Figure 8a | Figure 8b

Projects

Core Projects or Center-Controlled Projects (0)
Core projects involving translational research (0)

Associated Projects (0)
Associated projects involving translational research (0)

Sponsored Projects (0)
Sponsored projects involving translational research (0)

See definitions of project types

0 project(s) entered

Add a new project for this award year

>> Import Projects

Project Status ⇕	Project Name ⇕	Project Type ⇕	Current Year Budget ⇕	Number of Thrust/Clusters ⇕	Number of Personnel ⇕	Delete
No project records found.						

Home	Data Entry	Report Tables	Your Account Information	

Preview table created with these da

Organizations
Institutions
Personnel
Research
Money
Sources of Support
Functional and Educational Budget
Annual Expenditures and Budgets
Outputs and Impact

Money

☐ **Academic Institutions Providing Support**	☐ Others Sources of Support	☐ Residual Funds Brought Forward

Sources of Support: Academic Institutions Providing Support

+ Show Directions

🟠 Indicates where actual differs from prior award year estimate

U.S. Universities

CASH - U.S. Universities	Received by End of Reporting Year Enter data for 08/15/2011–03/15/2012	Promised by End of Award Year Enter data for 03/15/2012–08/14/2012	Total
Unrestricted Cash Donations	0	0	
Restricted Cash Donations	0	0	
Residual Funds Carried Over From the Previous Year	0	N/A	
TOTAL Cash Support - U.S. Universities	$0	$0	
ASSOCIATED PROJECT SUPPORT - U.S. Universities			
Associated Project Support	0	0	
TOTAL Associated Project Support - U.S. Universities	$0	$0	
IN-KIND DONATIONS - U.S. Universities			
New Construction	0	0	
Equipment	0	0	
New Facilities in Existing Buildings	0	0	
Visiting Personnel	0	0	
Other Assets	0	0	

Foreign Universities

CASH - Foreign Universities	Received by End of Reporting Year Enter data for 08/15/2011–03/15/2012	Promised by End of Award Year Enter data for 03/15/2012–08/14/2012	Total
Unrestricted Cash Donations	0	0	
Restricted Cash Donations	0	0	
Residual Funds Carried Over From the Previous Year	0	N/A	
TOTAL Cash Support - Foreign Universities	$0	$0	
ASSOCIATED PROJECT SUPPORT - Foreign Universities			
Associated Project Support	0	0	
TOTAL Associated Project Support - Foreign Universities	$0	$0	
IN-KIND DONATIONS - Foreign Universities			
New Construction	0	0	
Equipment	0	0	
New Facilities in Existing Buildings	0	0	
Visiting Personnel	0	0	
Other Assets	0	0	
TOTAL In-Kind Support - Foreign Universities	$0	$0	

Legend

☐	Not Started
◧	In Progress
■	Complete
🟠	Warning
🔴	Error

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information	

□ Organizations
■ Institutions
□ Personnel
□ Research
□ **Money**
  □ Sources of Support
  □ **Functional and Educational Budget**
  □ Annual Expenditures and Budgets
□ Outputs and Impact

Legend
□ Not Started
▨ In Progress
■ Complete
● Warning

Money

□ Functional and Educational Budget

Enter the budget amounts for the current award year in the table below. Enter cash amounts only (not in-kind support) as a total of received and promised cash.

The Functional and Educational Budget totals must match the total reported sources of support. **You will not be able to mark this section as co until the the Functional and Educational Budget totals match the total reported sources of support.** Total reported sources of support are equal total cash entered for all organizations, NSF, academic institutions, and other sources. Total reported sources of support include residual funds, b include in-kind contributions.

Totals for Thrusts are displayed for you. A grand total of Thrusts and Budget Functions is shown at the bottom of the table.

Read-only Summary of Thrust/Testbed Budgets

Research Thrusts/Testbeds	Direct Support		Direct Support Total	Associated Projects	Total Bud
	Unrestricted Cash OR Core Projects	Restricted Cash OR Sponsored Projects			
No thrusts found.					
a. Research Thrusts/Testbeds Total	**$0**	**$0**	**$0**	**$0**	

Budget Functions

Education Programs	Direct Support		Direct Support Total	Associated Projects	Total Budg
	Unrestricted Cash OR Core Projects	Restricted Cash OR Sponsored Projects			
Pre-college Education Activities	0	0	0	0	
University Education	0	0	0	0	
Student Leadership Council	0	0	0	0	
Young Scholars	0	0	0	0	
REU	0	0	0	0	
RET	0	0	0	0	
Assessment	0	0	0	0	
Community College Activities	0	0	0	0	
Other (explain in narrative)	0	0	0	0	
b. Education Program Subtotal	**$0**	**$0**	**$0**	**$0**	

Other Budget Functions	Direct Support		Direct Support Total	Associated Projects	Total Budge
	Unrestricted Cash OR Core Projects	Restricted Cash OR Sponsored Projects			
General and Shared Equipment	0	0	0	0	
New Facilities / New Construction	0	0	0	0	
Leadership / Administration / Management	0	0	0	0	
Industrial Collaboration / Innovation Program	0	0	0	0	
Center-Related Travel	0	0	0	0	
Residual Funds Remaining	0	0	0	N/A	
Indirect Cost	0	0	0	N/A	
c. Other Budget Functions Subtotal	**$0**	**$0**	**$0**	**$0**	

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

Home	Data Entry	Report Tables	Your Account Information

☐ Organizations

■ Institutions

☐ Personnel

☐ Research

☐ Money

   ☐ Sources of Support

   ☐ Functional and Educational Budget

   ☐ **Annual Expenditures and Budgets**

☐ Outputs and Impact

Legend

☐	Not Started
🟨	In Progress
🟩	Complete
🟠	Warning
🔴	Error

Preview table created with these data:

☐ Annual Expenditures and Budgets

Enter the budget amounts for the prior, current and next award year in the table below. Do not include associated project expenditures. The tota of sources of support reported for the current award year budget is displayed below the current total. **You will not be able to complete this sect the current award year budget total matches the reported amount.** The reported amount is equal to the total cash entered for all organizations academic institutions and other sources.

🟠 Indicates where actual differs from estimate

EXPENDITURES Salaries & Benefits	Current Award Year Budget 08/15/2011 - 08/14/2012	Proposed Budget - Ne Award Year 08/15/2012 - 08/14/2
A. Senior Personnel: PI/PD, Co-PIs, Faculty, and Other Senior Associates	0	
B. Other Personnel:		
B1. Postdoctoral Associates	0	
B2. Other Professionals (technician, programmer, etc.)	0	
B3. Graduate Students	0	
B4. Undergraduate Students	0	
B5. Secretarial - Clerical	0	
B6. Other	0	
C. Fringe Benefits	0	
Salaries & Benefits Total (A+B+C):	$0	
D. Equipment (for items exceeding $5,000)	0	
E. Travel	0	
F. Participant Support	0	
G. Other	0	
H. Direct Costs Total (A through G):	$0	
I. Indirect Costs	0	
J. Direct and Indirect Costs (H+I):		
K. Residual Funds	0	
Total Expenditures & Budgets (J+K): 🔍	$0	
Current Year Support	$0	

Home	Data Entry	Report Tables	Your Account Information

☐ Organizations
■ Institutions
☐ Personnel
☐ Research
☐ Money
☐ **Outputs and Impact**
　☐ Quantifiable Outputs
　☐ Educational Impact

Legend
☐ Not Started
▨ In Progress
■ Complete
⚠ Warning
⊘ Error

Preview tables created with these data: Table 1 | Table 1a | Table 3a

Outputs and Impact

☐ Quantifiable Outputs

- Provide information about the quantifiable outputs at the ERC for this reporting year.
- Complete Quantifiable Outputs before entering information for Educational Impact.
- The total quantifiable outputs reported must be greater than zero.
- Click on a section heading to expand or collapse that data entry section. Expand/Collapse all.

☐ = none reported　　■ = outputs reported

☐ **Publications resulting from center support**	▼
☐ **Publications resulting from associated projects**	▼
☐ **Publications resulting from sponsored projects**	▼
☐ **Inventions, patents, and spin-off companies**	▼
☐ **Degrees and jobs**	▼
☐ **ERC's influence on Curriculum**	▼
☐ **Information Dissemination/Educational Outreach**	▼
☐ **Personnel exchanges**	▼

Outputs and Impact

...ater than zero.

https://idm.east.cox.net/coxlogin/ui/we...=-SM-https%3A%2F%2Fwebmail.east.cox.net at data entry section. Expand/Collapse all.

☐ = none reported   ■ = outputs reported

Legend

☐	Not Started
🟨	In Progress
🟩	Complete
⚠	Warning
⊘	Error

☐ **Publications resulting from center support** ▼

Indicate the number of full-length papers that were published as a result of center support:

(note: papers must already have appeared in print)

0	In peer reviewed technical journals
0	In peer reviewed conference proceedings
0	In trade journals

Indicate the number of multiple-author papers for each category below. If more than one category applies to a paper, count the paper in each of the categories.

0	Multiple authors
0	Multiple authors: co-authored with ERC students
0	Multiple authors: co-authored with industry
0	Multiple authors: with authors from multiple engineering disciplines
0	Multiple authors: with authors from both engineering and non-engineering fields
0	Multiple authors: with authors from multiple institutions

Outputs and Impact

- Quantifiable Outputs
- Educational Impact

Legend

☐	Not Started
◨	In Progress
■	Complete
⚠	Warning
⊘	Error

- The total quantifiable outputs reported must be greater than zero.
- Click on a section heading to expand or collapse that data entry section. Expand/Collapse all.

☐ = none reported   ■ = outputs reported

☐ **Publications resulting from center support** ▼

☐ **Publications resulting from associated projects** ▼

Indicate the number of publications that resulted from associated projects mentioned in the strategic plan:

[0]   In peer reviewed technical journals
[0]   In peer reviewed conference proceedings

☐ **Publications resulting from sponsored projects** ▼

Indicate number of publications resulting from sponsored projects:

[0]   In peer reviewed technical journals
[0]   In peer reviewed conference proceedings

Outputs and Impact

- Quantifiable Outputs
- Educational Impact

Legend

- ☐ Not Started
- ▨ In Progress
- ■ Complete
- ⚠ Warning
- ⊘ Error

- The total quantifiable outputs reported must be greater than zero.
- Click on a section heading to expand or collapse that data entry section. Expand/Collapse all.

☐ = none reported   ■ = outputs reported

☐ **Publications resulting from center support** ▼

☐ **Publications resulting from associated projects** ▼

☐ **Publications resulting from sponsored projects** ▼

☐ **Inventions, patents, and spin-off companies** ▼

Indicate numbers of inventions, patents, and spin-off companies:

0	Inventions disclosed (submitted to agencies by researchers or technology transfer office)
0	Patent applications filed
0	Patents awarded
0	Licenses issued
0	Spin-off companies started
0	Estimated spin-off company employees
0	Building codes impacts
0	Technology standards impacts
0	New surgical and other medical procedures adopted

☐ Degrees and jobs ▼

Indicate number of degrees granted to ERC students:

(note: Count degrees, not number of students)

0	Bachelor's degrees
0	Master's degrees
0	Doctoral degrees

Indicate the job sector of ERC graduates for the following categories and degrees:

Hired by	Type of Degree			
	Bachelor's	Master's	Doctoral	TOTAL
Industry				
ERC member firms	0	0	0	0
Other U.S. industry	0	0	0	0
Other foreign industry	0	0	0	0
Industry Subtotal:	0	0	0	0
Government	0	0	0	0
Academic institutions	0	0	0	0
Other	0	0	0	0
Undecided/still looking/unknown	0	0	0	0
Total by degree	0	0	0	0

☐ **ERC's influence on Curriculum** ▼

Quantify the ERC's influence on curriculum. Provide numbers of:

[0] New courses based on ERC research that have been approved by the curriculum committee and are currently offered
[0] Currently offered, ongoing courses with ERC content
[0] New textbooks based on ERC research
[0] New textbook chapters based on ERC research
[0] Free-standing course modules or instructional CDs based on ERC research

[0] New full-degree programs based on ERC research
[0] New degree minors or minor emphases based on ERC research
[0] New certificate programs based on ERC research

Full-degree programs:

[0] Number of students enrolled in any full-degree programs based on ERC research during this reporting year
[0] Number of students graduated from any full-degree programs based on ERC research during this reporting year

Certificate programs:

[0] Number of students enrolled in certificate programs based on ERC research during this reporting year
[0] Number of students graduated from certificate programs based on ERC research during this reporting year

☐ **Information Dissemination/Educational Outreach** ▼

☐ **Personnel exchanges** ▼

Information Dissemination/Educational Outreach ▼

Quantify information dissemination/educational outreach activities. Indicate numbers of:

[0] Workshops, Short Courses, and Webinars
    [0] Number of participants that attended activity

[0] Innovation-focused Workshops, Short Courses, Webinars, and Seminars
    [0] Number of participants that attended activity

[0] Seminars, Colloquia, Invited Talks, etc.

[0] ERC Sponsored Educational Outreach Events for K-12 Students
    [0] Number of students that attended activity
    [0] Number of teachers/faculty that attended activity

[0] ERC Sponsored Educational Outreach Events for Community College or Undergraduate Students
    [0] Number of students that attended activity
    [0] Number of faculty that attended activity

Personnel exchanges ▼

Quantify personnel exchanges. Indicate numbers of:

[0] Student internships in industry
[0] Faculty working at member firm
[0] Member-firm personnel working at ERC

ERCWeb
ANNUAL REPORT DATA ENTRY SYSTEM

| Home | Data Entry | Report Tables | Your Account Information |

Organizations

Institutions

Personnel

Research

Money

Outputs and Impact

  Quantifiable Outputs

  Educational Impact

Outputs and Impact

Educational Impact

	With engineered systems focus	With multidisciplinary content	Team taught by faculty from more than 1 department	Undergraduate level	Graduate level	Used at more than 1 ERC institution	Total reported Quantifiable Outputs
New courses currently offered	0	0	0	0	0	0	
Currently offered, ongoing courses with ERC content	0	0	0	0	0	0	
Workshops, Short Courses, and Webinars	0	0	0	0	0	0	
New textbooks based on ERC research	0	0	N/A	0	0	0	

Save

Legend

- Not Started
- In Progress
- Complete
- Warning
- Error