MyResearch
Leveraging SAP Technologies to Address Faculty Research Support

HERUG 2010 CONFERENCE

APRIL 20, 2010

Duke Sponsored Research

FY 2009 Revenues by Source

Duke Sponsored Research

- Total Sponsored Research Revenue FY09 - $875 million
- Governmental Sources - $520 million
  - National Institutes of Health
  - National Science Foundation
  - Department of Defense
  - Other
- Private Sources - $355 million
  - Foundations
  - Industry – primarily clinical trials
  - Other Sources
- Over 7,000 Duke employees are funded by Sponsored Research grants and contracts

Sponsored Research Administration

- Obtain Funding
  - Identify Funding Sources
  - Submit Research Proposals
- Financial Management
  - Monitor financial status of grants
  - Project future funding of lab
- Effort Management
  - Manage personal effort
  - Manage effort of lab personnel
- Protocol Management
  - Human Subjects protocols
  - Animal protocols
  - Recombinant DNA protocols
- Compliance Management
  - Required lab/safety training
  - Required animal/human subject training
  - Conflict of Interests
  - Disclosures and Agreements

Multiple Systems Support Sponsored Research Administration at Duke

Sponsored Res Admin Function	Supporting System
Identify Funding Sources	Web pages
Submit Research Proposals	SPS – homegrown system
Monitor Financial Status of Grants	SAP BI
Project Future Funding of Lab	N/A
Manage Personnel Effort	ECRT – package system
Manage Effort of Lab Personnel	SAP BI
Human Subjects Protocols	eIRB – package system
Animal Protocols	IACUC – homegrown
Recombinant DNA	IBC - homegrown
Lab/Safety Training	OESO - homegrown
Human Subject Training	CITI – package system
Conflicts of Interest	COI - homegrown
Disclosures and Agreements	OCRC/OLV - homegrown

Goals of MyResearch

- Provide “one stop shopping” for faculty to manage their sponsored research activity
- Link multiple existing applications at Duke
- Hide complexity of data and applications from faculty
- No registration or security signup
- Simple front-end; no training required

MyResearch

Duke @ WORK

Welcome HAYDEN BOSWORTH

Log Off

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MyResearch

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myProjects

Cost Object		Start date	Finish date	Sponsor
3036173	5R01-HL-070713-05 PARENT	06/01/2003	01/31/2010	DHHS, PHS, NIH, NHLBI
3036447	5R01-HL-070713-05 SUB #1-P3036173	06/01/2004	01/31/2010	DHHS, PHS, NIH, NHLBI
3439409	VA CONTRACT	08/01/2008	07/30/2009	DEPT OF VA
3439500	IPA AGRMN'T/VA-GENTRY	03/01/2008	02/28/2010	DEPT OF VA
3439751	IPA AGRMN'T/VA	12/01/2005	09/30/2009	DEPT OF VA
3830159	AHA GRANT #0640028N	01/01/2006	12/31/2010	AHA
3834369	K.B.REYNOLDS TRUST GRT #2008-315	08/01/2008	07/31/2011	REYNOLDS CHARITABLE TRUST
3837162	R.W. JOHNSON FNDNT GRANT #64254	05/01/2008	04/30/2010	JOHNSON FDTN

Alerts

Record Type	ID	Description	Date Next Due
Training		RCC PI Training	Feb 01, 2010
Training	IRB100	Human Subjects Protection Certification(Contact	Feb 12, 2010
Training	CC112	HIPAA Privacy and Security Training	Feb 16, 2010
Protocol	Pro00000586	Pilot Testing Hypertension Measures in 3	Apr 02, 2010
Protocol	Pro00006548	Cardiovascular Outcomes/African Americans with	Apr 24, 2010

Submit New Project

- *The Basics (step by step)*
- *Getting Started 1: Training*
- *Getting Started 2: Resources*
- *Submit Your New Project*

Manage Active Projects

- Project Summary Report
- Financial Summary Report
- Personnel Report
- Submit Safety Report (eIRB)
- *Projections*
- Sponsor Required Final Financial Report
- Status

Me and My Portfolio

- My Information
  - *Curriculum Vitae*
  - *NIH Biosketch*
- Compliance
  - Training and Compliance
  - My Protocols
  - Human Subjects: IRB (Campus)
  - Human Subjects: eIRB (SOM)
  - Biosafety: IBC
  - IACUC
  - Lab Safety
- Conflict of Interest (COI)
- Effort
  - My Current Effort Distribution
  - Total Professional Effort
  - Effort Certification (ECRT)

Links and Resources

- ARRA
- Disclosure Forms
- PubMed Central ID
- Toolbox
- Export Controls
- Faculty Handbook
- ORA (Pre-Award Med Ctr)
- ORS (Pre-Award Campus)
- OSP (Post-Award)
- OLV
- RACI
- RCC
- CRSO
- CTSA
- eResearch (Velos)
- CRSO Subject Registry for Billing

Announcements

- Duke Research
- DTMI Announcements
- NSF Announcements
- NIH Announcements
- Help/Feedback

Funding Opportunities and Grant Applications

- Funding Opportunities
- NIH eCommons
- Grants.Duke
- Grants.Gov
- NIH
- NSF

Disclosures and Agreements

- Patents and Filings
- Patents and Grants
- Material Transfer Agreements
- Confidentiality Agreements
- Research Agreements

MyResearch Financial Reports

Proposed Projects

SPS#		Status	Agency ID	Current Budget End	Current Budget Start	Sponsor	PI		Human Subj	Animals	Direct Cost Budget $
158231	VA Queri Project: Using System Dynamics Tools to Integrate E	PCA	Not assigned	07/30/2009	08/01/2008	VAMC	212403	Bosworth, Hayden B.	No	No	23,699.00
158909	Prevention of Cardiovascular Outcomes In African Americans w	SUBMT	Not assigned	06/30/2010	07/01/2009	10163	212403	Bosworth, Hayden B.	Yes	No	90,909.00
168082	Cardiovascular Intervention Improvement Telemonitoring Study	SUBMT	1R01-HL103645-01	06/30/2011	07/01/2010	NIH	212403	Bosworth, Hayden B.	Yes	No	457,957.00
169165	Three-step strategy for pharmacologic & lifestyle treatment	INIT	Not assigned	11/30/2011	12/01/2010	NIH	212403	Bosworth, Hayden B.	Yes	No	473,412.00
169772	Refining Fundamentals of Implementation for a Novel Examinat	INIT	Not assigned	11/30/2011	12/01/2010	NIH	212403	Bosworth, Hayden B.	Yes	No	545,925.00

Active Projects

Cost Object		Parent	SPS #	PI		BFR	Sponsor	Start date	Finish date	Fed	Balance Direct Costs	Balanc
3036173	5R01-HL-070713-05 PARENT	3036173	147061	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	DHHS, PHS, NIH, NHLBI	06/01/2003	01/31/2010	Yes	1,503.64	
3036447	5R01-HL-070713-05 SUB #1-P3036173	3036173	126520	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	DHHS, PHS, NIH, NHLBI	06/01/2004	01/31/2010	Yes	44,595.52	
3439409	VA CONTRACT	3439409	158231	212403	HAYDEN B BOSWORTH	6860502000 - Duke Ctr for Clincal	DEPT OF VA	08/01/2008	07/30/2009	Yes	-7,947.46	
3439500	IPA AGRMN'T/VA-GENTRY	3439500	153354	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	DEPT OF VA	03/01/2008	02/28/2010	Yes	20,540.64	
3439751	IPA AGRMN'T/VA	3439751	137669	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	DEPT OF VA	12/01/2005	09/30/2009	Yes	-10,501.05	
3830159	AHA GRANT #0640028N	3830159	135204	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	AHA	01/01/2006	12/31/2010	No	26,006.73	
3834369	K.B.REYNOLDS TRUST GRT #2008-315	3834369	157838	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	REYNOLDS CHARITABLE TRUST	08/01/2008	07/31/2011	No	6,573.88	
3837162	R.W. JOHNSON FNDNT GRANT #64254	3837162	150880	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	JOHNSON FDTN	05/01/2008	04/30/2010	No	-15,780.55	
3838911	AHA GRT #0875142N Sub #3-P3830373	3830373	154093	212403	HAYDEN B BOSWORTH	6860201530 - General Internal Med	AHA	10/01/2008	09/30/2012	No	179,334.16	

MyResearch Effort Reports

myResearch Personnel Paid

Cost Object		Employee		Organizational Unit		Valid From	Valid To	Cost Object Percent %
3033320	5R01-CA-100559-05 PA	340558	NIRMALA RAMANUJAM	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	7.00
		381057	JONATHAN Q BROWN	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	36.00
		420032	MARLEE S JUNKER	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	35.00
3034078	1R01-GM-081666-01A2	114027	TERRENCE G OAS	50000807	6860102001 - Biochemistry	05/01/2010	12/31/9999	35.00
		115353	MARY R TURNER	50000807	6860102001 - Biochemistry	10/01/2009	12/31/9999	25.00
		465871	WILLIAM R FRANCH	50000807	6860102001 - Biochemistry	08/10/2009	12/31/9999	78.00
		475146	JUNQIAN ZHANG	50000807	6860102001 - Biochemistry	05/09/2010	12/31/9999	100.00
3034456	3R01-GM-081666-01A2S	317881	DEBBY P CHANG	50000396	6024400000 - Mechanical Engineeri	01/01/2010	12/31/9999	100.00
		465871	WILLIAM R FRANCH	50000807	6860102001 - Biochemistry	08/10/2009	12/31/9999	20.00
		522890	JOHN T CHAVIS	50000807	6860102001 - Biochemistry	12/29/2009	12/31/9999	100.00
3130117	W81XWH-09-1-0410 PAR	332517	GRETCHEN G KIMMICK	50000856	6860201545 - Medicine - Oncology	09/18/2009	12/31/9999	10.00
		340558	NIRMALA RAMANUJAM	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	18.00
		381057	JONATHAN Q BROWN	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	39.00
		420032	MARLEE S JUNKER	50000398	6024500000 - Biomedical Engineeri	01/01/2010	12/31/9999	40.00

MyResearch Compliance

My Protocols

Protocols

Protocol ID	Name	Last Approved	Expires On	Source System*
Pro00000586	Pilot Testing		Apr 02, 2010	EIRB
Pro00006548	Cardiovascular		Apr 24, 2010	EIRB
Pro00010063	SPRITE		Sep 03, 2010	EIRB
Pro00003349	Field Testing to Assess		Nov 01, 2010	EIRB
Pro00005845	Take Control of Your		Mar 14, 2011	EIRB

My Training and Compliance

Training and Compliance

Course Name	Take Training	Date Next Due	Date Last Taken	Source System
RCC PI Training	Take Training	Feb 01, 2010	Aug 23, 2006	RCC
Human Subjects Protection Certification(Contact	Take Training	Feb 12, 2010	Feb 12, 2009	OESO
HIPAA Privacy and Security Training	Take Training	Feb 16, 2010	Feb 16, 2009	OESO
Fire/Life Safety	Take Training	Jul 16, 2010	Jul 16, 2009	OESO
Equity at Duke	Take Training	Jul 16, 2010	Jul 16, 2009	OESO
Compliance Update Training	Take Training	Jul 16, 2010	Jul 16, 2009	OESO
Tuberculosis (TB) Safety Training	Take Training	Jul 16, 2010	Jul 16, 2009	OESO
General Chemical Safety	Take Training	Aug 14, 2011	Aug 14, 2008	OESO
Ergonomics Overview	Take Training	Aug 14, 2011	Aug 14, 2008	OESO

Technology and Security

- MyResearch is supported through SAP Enterprise Portal
- All faculty are automatically provisioned with the SAP role for MyResearch by virtue of being a faculty member
  - No security registration required
- Single Sign-on authentication to SAP EP provides SSO to linked applications in MyResearch

Multiple Technologies Applied

- BI Reports
- Visual Composer tables
- Web Services to external applications
- Web links to external applications
- RSS Feeds
- Links to web sites

MyInfo | **MyResearch** | Faculty Reports | ECRT

MyResearch

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myProjects

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Human Subjects: IRB (Campus)
Human Subjects: eIRB (SOM)
Biosafety: IBC
IACUC
Lab Safety
Conflict of Interest (COI)
Effort
My Current Effort Distribution
Total Professional Effort
Effort Certification (ECRT)

Links and Resources

ARRA
Disclosure Forms
PubMed Central ID
Toolbox
Export Controls
Faculty Handbook

ORA (Pre-Award Med Ctr)
ORS (Pre-Award Campus)
OSP (Post-Award)
OLV
RACI
RCC

CRSO
CTSA
eResearch (Velos)
CRSO Subject Registry for Billing

Announcements

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NSF Announcements
NIH Announcements
Help/Feedback

Funding Opportunities and Grant Applications

Funding Opportunities
NIH eCommons
Grants.Duke
Grants.Gov
NIH
NSF

Disclosures and Agreements

Patents and Filings
Patents and Grants
Material Transfer Agreements
Confidentiality Agreements
Research Agreements

BI Report | Visual Composer | Web Services | Application Link (SSO) | RSS Feed

MyResearch Usage: 1/1/10 – 3/31/10

- Total Hits - 454
- Total Faculty Logging in at least once – 302 (out of 2,176 faculty who are PI on at least one grant)
- Average Hits/Faculty Members – 1.50
- Number of faculty accessing 3 or more times during quarter - 28