Nexus: Overview

- **Web-Based Solution**
  
  Administrative accounts that allow the online management of:
  - Research Members
  - Publications
  - Research Projects/Grants
  - Centralized data allows for powerful reporting tools

- **Cloud-based**
  
  - Hosted by Amazon Web Services - Elastic Beanstalk (EB2)
    - Application Accessibility
    - Backups, Secured and Encrypted Data
      - SOC2 and SOC3 Compliant
    - Prepared for growth of application features and data
Nexus Overview
Nexus Overview
Nexus Features

- Research Member Manager (RMM)
  - Basic Information, Position History, Research Program Affiliation
- My Library (Publication Management)
  - Imports directly from PubMed
  - Updates publication data nightly (reference counts, PMCID assignment)
  - Linked Authorships
- Publication Authors use integrated module to allow
  - Selection of Peer/Non-Peer Review
  - Shared Resources allocation to research
  - Automatic Intra/Inter/Both designation
- EDGE (Biosketch generator)
  - Non-document based item collection renders in various formats including the NIH Biosketch (CV’s coming)
  - Store multiple versions tailored to specific research focus
  - Linked publications to Personal Statements and Contributions to Science updated automatically from nightly feed
Nexus Features (cont’d)

- Research Projects Manager (RPM)
  - Import data directly via CSV from external sources
  - Allocate to internal programs and PI designation
  - Assign SubContracts (IN/OUT)
  - Reporting
    - One-Click Summary 2A and Summary 2B Reporting
      - Web View and Excel Output

- Miscellaneous Productivity Tools
  - Workspaces – Publication and Research Project
    (Manage centerwide publications from a central area)
  - System List Management (Research Programs, Cores, Tags)
  - Reporting
    - Member Listings by Program
    - Publication Metrics, Publications by Program
    - EDGE “one-click” batch reporting full biosketch
      library printing based on “tag” system
    - Core Usage By Publications - by program
Nexus: On Deck

- Nexus is a new technology but growing exponentially with features
- Relies heavily on the needs of others to push new resources to the Nexus community

On Deck for Development

- CCSG Prep Tools
  - Document Sharing and Collaboration
  - Event Management for reporting needs
- Communication Tool to quickly send notifications to:
- Training Grant Tools
  - Mentorship/Trainee relationship management
  - Query trainees/members who have moved to new positions
  - NIH Training Grant (T32) One click reporting similar to Summary 2a
More Info?

- System Demonstration
  - Today, 3-4PM in Demo Room 2

- Contact
  - Jeremy Gregory - jg@adminformatics.com

Adminformatics, LLC
http://www.adminformatics.com
CMAPS (Cancer Membership, Administration, and Publications System)

Cedars-Sinai Medical Center

Mahendra Yatawara, MBA
CMAPS Overview

Administrative and workflow tool used by Cancer Center (CC) administration and CC members for:

• Membership management (submission, review and approval)
• Grant management
• Publications management
• CCSG reporting
CMAPS Overview - Modules

• Four modules associated with tool:
  • Application, Membership & Programs
  • Grants
  • Publications
  • Reports
Application, Membership & Programs

- Detailed membership application submission, review, acceptance and notification workflow process
- Application, Membership and Programs Management

CMAPS

- Grants
- Publications
- Cancer Center Support Grant (CCSG) Reporting
- Manage Applications

Home > Applications > Manage

Manage Applications
You may optionally enter a comparison operator (>, <, <=, >=, = or =) at the beginning of each of your search values to specify how the comparison should be done.
Application, Membership & Programs

Application, Membership and Programs Management

Membership and CCSG/Clinical Program management by Center administration

CMAPS

Cancer Center Support Grant (CCSG) Reporting

Publications
Application Submission and Membership Approval Workflow

**Application Submission**
Member completes and submits application online

**Application Review**
SOCCI Membership Committee review

**Member Approval**
Member approved and published on SOCCI website
Grants (Projects)

Comprehensive research base reporting including multi-project grants with program, funding agency, sub-contracts and budget assignments.
## Publications

### CMAPS

**Application, Membership and Programs Management**

**Publications Management**

**Cancer Center Support Grant (CCSG) Reporting**

**NCBI My Bibliography direct publications import with automated assignment of Impact Factor and selected assignment of cancer relevance and research core utilization**

---

**Table: Manage Publications**

<table>
<thead>
<tr>
<th>PMID</th>
<th>PMCID</th>
<th>Pub Date</th>
<th>Journal Title</th>
<th>Article Title</th>
<th>Author Affiliations</th>
<th>IMPACT FACTOR</th>
<th>Cancer Relevance</th>
<th>Shared Resources</th>
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<tr>
<td>27981450</td>
<td>Pmc649450</td>
<td>2019-04-01</td>
<td>The Journal of urone</td>
<td>The Association between Phospho-Serine Type 5 Inhibitors and Breast Cancer: A Systematic Review</td>
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<td>2874892</td>
<td>PMC4759183</td>
<td>2018-11-12</td>
<td>Scientific reports</td>
<td>Effect of Heart Rate on the Performance of Muscular and Cardiovascular Health in Older Adults</td>
<td>Full Text</td>
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<td>2724499</td>
<td>Pmc670918</td>
<td>2019-05-01</td>
<td>European medical journal</td>
<td>Dose/Volume Antibiotic Prophylaxis for Intraoperative Wound Infections in Women with AIDS in a Cancer Hospital: A Pilot Study</td>
<td>Full Text</td>
<td>Yes</td>
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<td>25471280</td>
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<td>2015-10-15</td>
<td>Scientific reports</td>
<td>Impact of Health-Related Quality of Life on the Survival of Patients with Head and Neck Cancer</td>
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<td>26034245</td>
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<td>2016-01-01</td>
<td>Expert review of management strategy</td>
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<td>2016-01-01</td>
<td>Oncology: An Interdisciplinary Journal</td>
<td>Should We Diagnose with Prostate Cancer in the Gyn?</td>
<td>Full Text</td>
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<td>25034047</td>
<td>Pmc686585</td>
<td>2016-01-01</td>
<td>Cancer prevention research</td>
<td>Better use of Prostate-Specific Antigen (PSA) and Prostate Cancer: A Systematic Review</td>
<td>Full Text</td>
<td>Yes</td>
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</tr>
</tbody>
</table>
Publications Workflow

My NCBI Bibliography
Member creates public bibliography on NCBI portal and emails URL to CC admin staff

Import Pubs
CC admin staff OR Member imports publications

Allocate Cores and Cancer Relevance
Member assigns Cores utilized for each publication and cancer relevance
One-click reporting on CCSG Summary tables (1A-1D, 2A, 2B), Membership, and Publications,

CMAPS

Cancer Center Support Grant (CCSG) Reporting

Application, Membership and Programs Management

Grants Management

Reports

INSTRUCTIONS:
Please click on a report below to obtain information on your research program, shared resources, funded research projects, publications and membership.

Summary Reports
- Summary TA (Grant Leadership)
- Summary TB (Programs, Leaders, and Program Centers)
- Summary TC (Cancer Center Membership)
- Summary TD (Shared Resources)
- Summary TE (Active Fueled Projects - Detailed)
- Summary TF (Active Fueled Projects - Overview)

Publications Reports
- Publications by Program
- Publications by Co-Investigator
- Publications by Mentor (Dell Cancer Center Mentor Publications)

Membership Reports
- Active Members List
CMAPS Demo

WELCOME TO CMAPS

Membership, Publications & CCSG Portfolio Management

CMAPS is a powerful tool that allows Samuel Oschin Comprehensive Cancer Institute (SOCCI) Administration to manage SOCCI membership, publications, programs, projects, and Cancer Center Support Grant (CCSG) summary reporting.

CMAPS also provides SOCCI members with the ability to view and update their publications and membership details.

Membership in the SOCCI is available to Cedars-Sinai Medical Center faculty and Medical Staff who have an interest in cancer, cancer-related research, clinical trials, and training.

Not a member yet? Click here for membership details.
Questions?

Thank You

mahendra.yatawara@cshs.org
Hollings Cancer Center

Admin Database

William Morgenweck
Admin Database

• Manages Membership
• Manages Publications
• Manages Grants
• Manages and creates Biosketches
Current System

Desktop based
Does the following reports

• Membership Report
• Publication Report
• Grants Reports
  – Datatable 2A
  – Datatable 2B
Totally New System

- Web bases SaaS application
- Written as independent modules
- Biosketch module is in final debug status.
- Available to other institutions.
- Looks and works like SciENcv
- Written in JavaScript, jQuery, HTML5 and JSON
SciENcv

### Profile Information
- **Profile name:** Sample - New 2
- **Profile type:** NIH BiSketch
- **Last Updated:** 11 August 2016
- **Sharing:** Private

### NAME
- **Morgenweck, William**
- **ORCID ID:** [http://orcid.org/0000-0002-6280-4317](http://orcid.org/0000-0002-6280-4317)

### EDUCATION/TRAINING
(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE (if applicable)</th>
<th>MM/YYYY</th>
<th>FIELD OF STUDY</th>
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<tbody>
<tr>
<td>School, City, SC, USA</td>
<td>DOCTOR OF PHILOSOPHY</td>
<td>12/2003</td>
<td>stuff</td>
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<tr>
<td>MUSC, Charleston, SC, USA</td>
<td>Other training</td>
<td>present</td>
<td>other training</td>
</tr>
</tbody>
</table>

[add another degree/training](#)
Our New System

Profile Name: NIH BioSketch
Profile Type: NIH Biographical Sketch Instructions (PDF)
Last Updated:

Name [Edit]
Alberg, Anthony
Email Address: alberg@musc.edu
eRA Commons User Name: AALBERG
Position Title: Professor, Public Health Sciences
Public Publications Link: On File

EDUCATION/TRAINING [Edit and reorder entries]
(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

<table>
<thead>
<tr>
<th>INSTITUTE AND LOCATION</th>
<th>DEGREE (if applicable)</th>
<th>MM/YYYY</th>
<th>FIELD OF STUDY</th>
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<tr>
<td>University of California, Davis, California</td>
<td>BS</td>
<td>05/1980</td>
<td>Zoology</td>
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<td>Yale University, New Haven, CT</td>
<td>MPH</td>
<td>12/1984</td>
<td>Health Services Administration</td>
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<td>The Johns Hopkins University</td>
<td>PhD</td>
<td>12/1994</td>
<td>Epidemiology</td>
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add another degree/training
Publications

Bring pubs in 6 different ways (and save your favorite)
impact factors
iCite Data
PMCID Watch Service
### iCite Data

<table>
<thead>
<tr>
<th>Total Pubs</th>
<th>Pubs/Year</th>
<th>Cites/Year</th>
<th>Relative Citation Ratio (RCR)</th>
<th>Weighted RCR</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>MAX</td>
<td>MEAN</td>
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<tr>
<td>165</td>
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<td>40.50</td>
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**Graphs**

**RCR distribution**

**Pubs per year**

**Weighted RCR per year**

**Customization**

```json
{"pmid": 23456789,
"authors": "Arun Sharma, Stephen M Schwartz, Eduardo M\u00e9ndez",
"citation_count": 13,
"citations_per_year": 3.250000,
"expected_citations_per_year": 2.385184,
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"is_research_article": true,
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"nih_percentile": 61.900000,
"relative_citation_ratio": 1.374100,
"title": "Hospital volume is associated with survival but not multimodality",
"year": 2013}
```
Would like to collaborate with other Cancer Centers

• Have input for design and output.
• We all do pretty much the same reports
• New system will have business matrix reports
• With total business analytics
• Compare your numbers month by month
• Hosted in cloud
COMING SOON

Very Soon