

## Introducing Bedework 3.10

Arlen Johnson, Spherical Cow Group

Open Apereo, 2015



## **Arlen Johnson**

arlen@sphericalcowgroup.com



## Tell 'em what you're gonna tell 'em

Bedework is...

Bedework features and futures

Bedework the project





Bedework is a standards-compliant, open source, comprehensive calendaring and events system.

# calconnect.org























































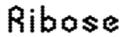














## **Bedework Feature Overview**

## **CORE FEATURES**

- Public calendars / views
- Public feeds and widgets
- Public events administration
- Public events submission
- Personal calendaring
- CalDAV Server
- CardDAV Server
- Timezone Server
- API, Web services (REST / SOAP)

## **RECENT ENHANCEMENTS**

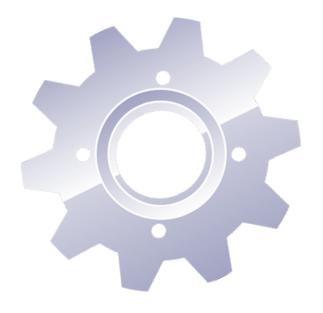
- Elastic Search (NoSQL)
- Consensus scheduling (VPOLL)
- Improved calendar sharing
- Public events registration
- Notification system
- and more...



# Installations

Bedework is in use at well over 50 organizations both large and small

(of which we are directly aware).







## COLUMBIA UNIVERSITY EVENTS



#### **A Curious Blindness**

THROUGH JUNE 13, 2015

"a curious blindness" reflects a moment captured by eighteen early- to mid-career artists who engage with the complex climate of race and identity politics. Despite thei

| <  |    | Jun | e 20 | 15 |    | >  |
|----|----|-----|------|----|----|----|
| Su | Мо | Tu  | We   | Th | Fr | Sa |
| 31 | 1  | 2   | 3    | 4  | 5  | 6  |
| 7  | 8  | 9   | 10   | 11 | 12 | 13 |
| 14 | 15 | 16  | 17   | 18 | 19 | 20 |
| 21 | 22 | 23  | 24   | 25 | 26 | 27 |
| 28 | 29 | 30  | 1    | 2  | 3  | 4  |
|    |    |     |      |    |    |    |

## **Upcoming Events**

Monday, June 1, 2015

All Day Columbia University Baseball vs. Miami - 7:00 PM ET

SPORTS ATHLETICS

12:00 PM - 1:00 PM Pathology & Cell Biology Seminar Series

LECTURE SUNDIAL

## Tuesday, June 2, 2015

12:00 PM - 1:00 PM Department of Biochemistry and Molecular Biophysics

LECTURE SUNDIAL

12:00 PM - 1:00 PM Department of Biochemistry and Molecular Biophysics

LECTURE SUNDIAL

2:45 PM - 3:45 PM Applied Mathematics Colloquium

SUNDIAL

## Filter By

Add Filter

TODAY

Location V

Type ∨

Category ∨

Events Open To 🗸

Export to Calendar

## Ongoing Events (1)

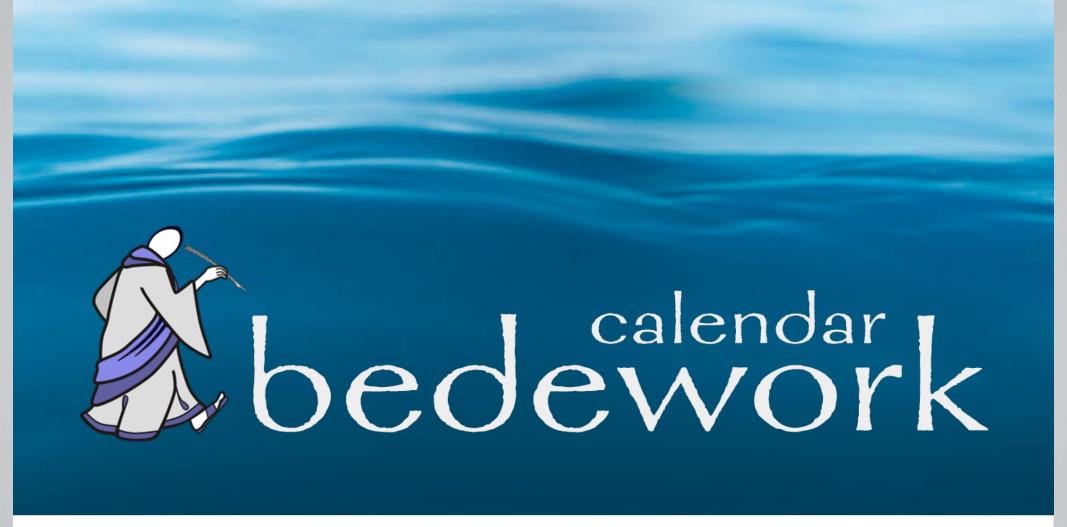
A Curious Blindness Ends June 13, 2015

Related Links

Visiting Columbia

Campus Maps

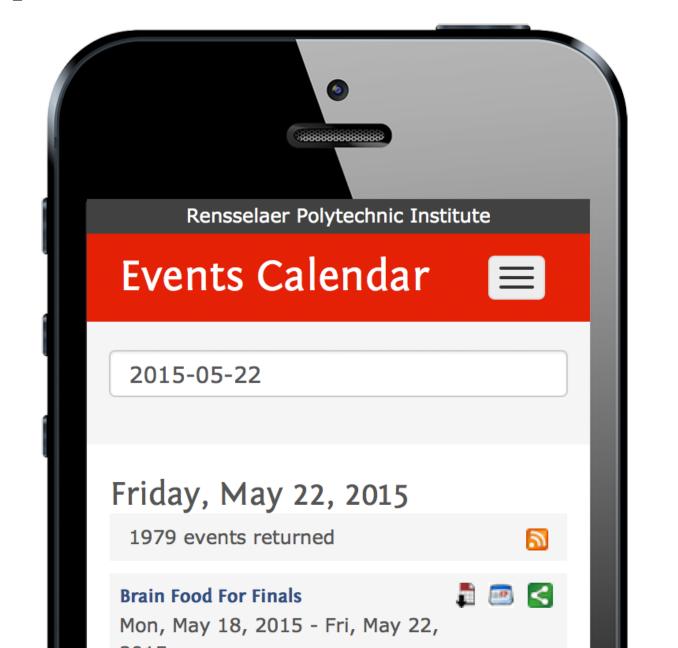
Other Calendars >



Bedework 3.10 Important Features



# Responsive Public Web Client





# Complex Filtering for Public Web and Data Feeds

## From Friday, May 22, 2015

998 events returned

Filter: "mystery" (clear)

All: xBook Clubs (clear all)

Locations: xBalboa xAllied Gardens/Benjamin (clear all)

## Thursday, May 28, 2015

## **Mystery Class**

Thu, May 28, 2015 1:00 PM - 3:00 PM

Location: Allied Gardens/Benjamin, 5188 Zion Ave, San Diego CA 92120

Topical Areas: Adults, Seniors, Classes, Lectures/Talks, Allied Gardens/Benjamin, Talks and

Readings, Discussions, Book Clubs









# Accessible

WCAG 2.0 AAA compliant in public web client

Working towards same in other clients







# No-Build System

mostly.



Download.



Run.



Configure.





# Scalable

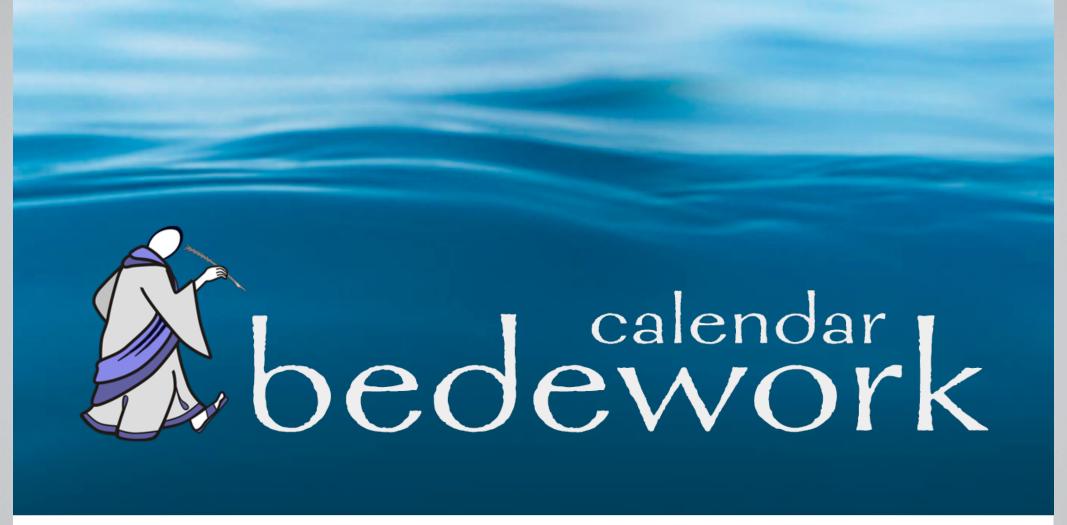
NoSQL approach for massive scalability New caching system for performance









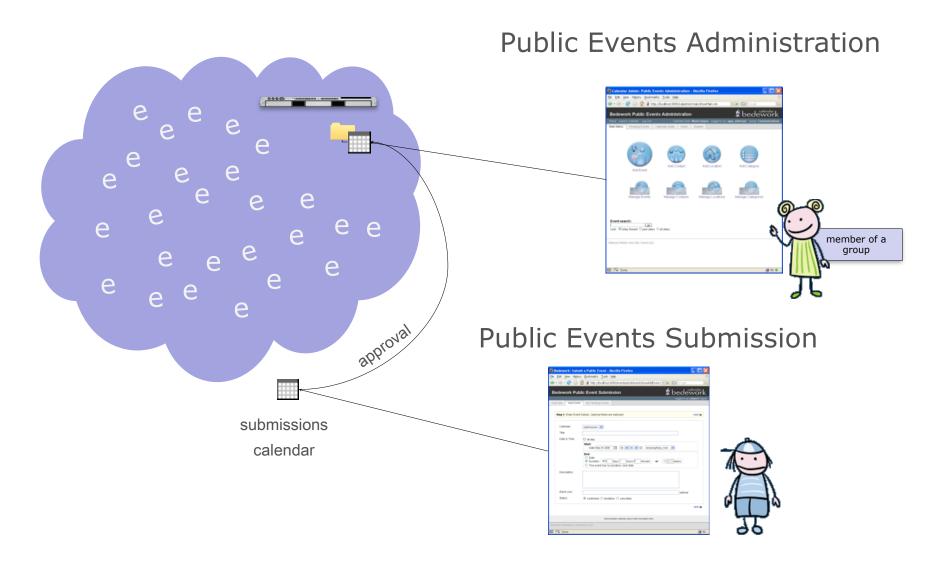


Public Events Calendaring



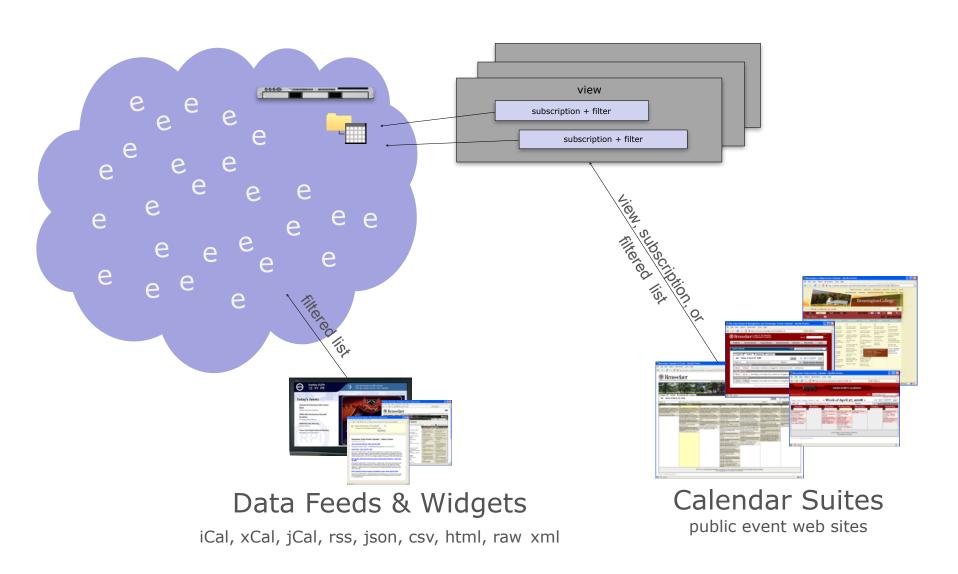
# **Bedework Event Pool**

Public Events: Getting Data In



# **Bedework Event Pool**

Public Events: Getting Data Out

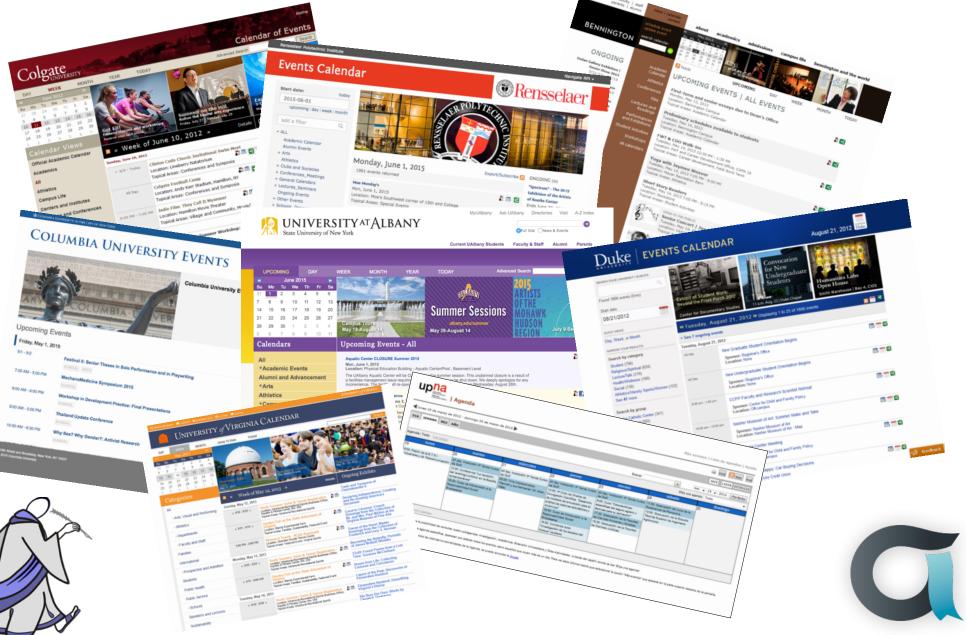


# Public Calendaring

Bedework is much more than a public events system - but its public events events system is widely used.



Public Calendar Suites



Staff

## Colgate University

Academics About Colgate Campus Life Distinctly Colgate Admission & Aid



APPLY DIRECTORY MAKE A GIFT RAIDERS SPORTS OFFICES & SERVICES

## today reset

2015-06-01

add a filter



- **▼ EVENT TYPES** 
  - + Campus Life

Academic Calendar

Academic Events and Lectures

+ Athletics

Faculty Meetings Food Provided Sustainability Village and Community Workshops and Training

- **→** ORGANIZATIONS
  - + Academic Departments
  - + Centers and Institutes Bookstore Career Services Ho Tung Visualization Lab Museums and Galleries

Off-Campus Study

Academic Calendar



📠 🔤 🧲

Export/Subscribe 5

There are no upcoming live

Ongoing

webcasts

Commencement

## Thursday, May 28, 2015



## Beyond Black and White: Highlights from the Permanent Collection

Thu, May 28, 2015 10:00 AM - Sun, June 28, 2015 5:00 PM Location: Picker Art Gallery , Dana Arts Center Topical Areas: Art and Art History, German, History, Medieval and Renaissance Studies, Exhibition, Alumni, Special Events

🛔 🔤 🤇



Permanent Collection Ends June 24, 2015

Outdoor Rock Climbing

Ends June 13, 2015

Mountain Biking

Ends June 26, 2015

Tree Climbing

Ends July 24, 2015

#### Machine Project

Ends September 1, 2015

Monday, June 1, 2015

## Faculty Research Retreat

Mon, June 1, 2015 8:00 AM - 5:00 PM

Location: 210 Lathrop Hall

Topical Areas: Academic Calendar



America's Document

<u>...</u>

« 5/11 - 7/24 »



## University of Virginia Calendar

Search DAY WEEK MONTH Jump To Date TODAY June 2015 Mo Tu We Th Fr Sa 6 2 3 4 5 1 8 9 10 11 12 13 20 15 16 17 18 19 27 22 23 24 25 26 2 30 Kluge-Ruhe Museum Virginia Sports Student Events 10 11 Ongoing Exhibits Week of May 31, 2015 >> **Details** Categories Sunday, May 31, 2015 Trash and Treasures of ΑII Charlottesville II ... The Fabric of the Human Body « 5/11 - 7/24 » Academic Calendar Location: Claude Moore Health Sciences Library Flowerdew Hundred: Unearthing Topical Areas: Claude Moore Health Sciences Library Virginia's History +Arts: Visual and Performing Monday, June 1, 2015 "Who shall tell the story?": Voices of Civil War Virginia - III The Fabric of the Human Body +Athletics « 5/11 - 7/24 » Location: Claude Moore Health Sciences Library Topical Areas: Claude Moore Health Sciences Library A Portrait of the Artist, 1525-1825 +Departments Tuesday, June 2, 2015 "Brothers" by Tony Albert +Faculty and Staff ... The Fabric of the Human Body « 5/11 - 7/24 » Art and Country Location: Claude Moore Health Sciences Library Topical Areas: Claude Moore Health Sciences Library Families Declaring Independence: Wednesday, June 3, 2015 Creating and Re-creating International

The Fabric of the Human Body

**Current UAlbany Students** 

Faculty & Staff

Alumni

**Parents** 



#### All

+Academic Events

## Alumni and Advancement

+Arts

### Athletics

+Campus Recreation

+Computer Training

### Cultural

+Faculty and Staff

+General Interest

Public Policy

#### Aquatic Center CLOSURE Summer 2015

Mon, June 1, 2015

Location: Physical Education Building - Aquatic Center/Pool , Basement Level

The UAlbany Aquatic Center will be CLOSED for the summer season. This unplanned closure is a result of a facilities management issue requiring the hot water supply to be shut down. We deeply apologize for any inconenience. The facility will re-open for the Fall 2015 season, beginning Wednesday, August 26th.

#### NYS Cybersecurity Conference

Tue, June 2, 2015 - Wed, June 3, 2015

Location: Empire State Plaza Convention Center, Albany NY

The 18th Annual NYS Cyber Security Conference and the 10th Annual Symposium on Information Assurance held at the Empire State Plaza is recognized as the premier Northeast conference for the rapidly advancing cyber security industry. The event is co-hosted by the New York State Office of Information Technology Services, The NYS Forum, and University at Albany. Registration and details can be found on the conference website.

#### Aguatic Center CLOSURE Summer 2015

Tue, June 2, 2015

Location: Physical Education Building - Aquatic Center/Pool, Basement Level









## **Events Calendar**



Start date:

today

2015-06-01

upcoming | day | week | month

add a filter

Q

Academic Calendar Alumni Events

- + Arts Athletics
- + Clubs and Societies
- + Conferences\_Meetings
- + General Calendars
- + Lectures\_Seminars
  Ongoing Events
- + Other Events
- + Schools, Departments, & Programs
- + Social Events
- + Training
- + TV

#### OPTIONS:

- · Download Calendars
- Manage Events
- Help

OTHER INSTITUTE CALENDARS



## Monday, June 1, 2015

1961 events returned

## Moe Monday's

Mon, June 1, 2015

Location: Moe's Southwest corner of 15th and College

Topical Areas: Special Events

### Summer Unplugged

Mon, June 1, 2015 - Sat, June 13, 2015

Location: Union, McNeil Room

Topical Areas: Festival, Student Experience, Social Gatherings

#### Tuesday, June 2, 2015

## Rensselaer Lally School of Management: MBA/M.S. Information Session

Tue, June 2, 2015 6:00 PM - 7:00 PM

Location: Pittsburgh Bldg.

Topical Areas: Meetings, Calls for Participation, Open Houses, Lally - Information Sessions, Lally School of Management and Technology, Lally Career, of interest to

## Export/Subscribe

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## ONGOING (10)

"Spectrum" - The 20-15 Exhibition of the Artists of Roarke Center

Ends June 30, 2015

## Summer Session I (12 weeks)

Ends August 14, 2015

## Summer Session II (6 weeks)

Ends July 2, 2015

## Summer Session III (6 weeks)

Ends August 14, 2015

## Spring 2016 Registration for currently enrolled students.

Ends November 23,



# EventsatBrown

**Next Five Days** 

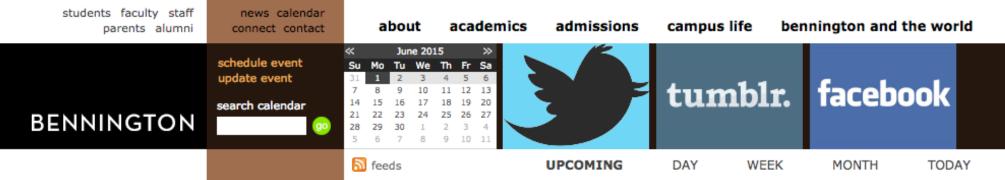
| DAY            | WE    | EK   | мо    | NTH   | <b>  Y</b> | EAR | TODAY   TOMORROW   NEXT FIVE DAYS   HIDE ONGOING EVENTS Search:   | Go 🔊               |
|----------------|-------|------|-------|-------|------------|-----|---|--------------------|
| <b>4</b>       |       |      | , 201 |       |            | •   | Thu, May 1, 2014 - Sun, May 31, 2015 The Lost Museum (ongoing)  |                    |
| S              | М     | Т    | W     | Т     | F          | S   | Rhode Island Hall, 60 George Street   |                    |
| w 26           | 27    | 28   | 29    |       | 1          | 2   | [ Open to the Public, Audience, Cross-campus academic topics, JNBC, Brown250, Departments, Exhibits, Arts and Entertainment ]   |                    |
| w 3            | 4     | 5    | 6     | 7     | 8          | 9   | Thu, April 30, 2015 8:30 AM - Thu, June 18, 2015 12:00 PM   |                    |
| w 10           |       |      | 13    |       |            |     | Richard Fishman I Recent Work   | 🖶 📆 📼 📑 🖂          |
| w 17           |       |      | 20    |       |            |     | Granoff Center for the Creative Arts, Cohen Gallery, 154 Angell St.   |                    |
| W 24           |       |      | 27    |       |            |     | [ Ongoing event, Exhibits, Arts and Entertainment, Other Events ]   |                    |
| <b>W</b> 31    | J     |      | to Da |       | 5          | 6   | Thu, May 7, 2015 4:00 PM - Wed, June 10, 2015 12:00 PM  Changing America: The Emancipation Proclamation, 1863 and the March on Washington, 1963  Hillel, 80 Brown Street  [ Open to the Public, Audience, SlaveryJustice, Departments, Exhibits, Arts and Entertainment ] | <b>₺</b> 📆 🙉 📑 ⋈   |
| 250TH<br>ADMIS | ANN   | IVER | SARY  | Y     |            |     | Thu, May 21, 2015 - Wed, July 15, 2015  Medical Student Visual Art Exhibit  Alpert Medical Building, 222 Richmond Street  [ Medical School, Biology and Medicine, Exhibits, Arts and Entertainment ]  |                    |
| ARTS           | AND   | ENTE | ERTAI | INME  | NT         |     |   |                    |
| BIOLO          | GY A  | ND N | /EDIC | SINE  |            |     | Thu, May 21, 2015 - Wed, July 1, 2015  Beauty in the Garden: Medicinal, Toxic, Benign   | <b>**</b> ** ** ** |
| CLUBS          | SANE  | OR   | GANI  | ZATI  | ONS        |     | Alpert Medical Building, 222 Richmond Street  | 😃 📆 🔤 📑 🖂          |
| ENGIN          | IEERI | NG   |       |       |            |     | [ Medical School, Ongoing event, Biology and Medicine, Exhibits, Arts and Entertainment, Other Events ]   |                    |
| GRADI          | UATE  | SCF  | 100L  |       |            |     |   |                    |
| CONF           |       |      |       | GS, A | ND         |     | Thu, May 21, 2015 5:00 PM - Sat, October 31, 2015 11:55 PM  A Peculiar Aesthetic: Representation and Images of Slavery  | <b>D</b> 11 📼 🖬 🖂  |
| OTHER          |       |      |       |       |            |     | Center for the Study of Slavery and Justice, 94 Waterman Street  [Open to the Public Audience Slavery Justice Departments Exhibits Recentions Arts and Entertainment Other Events 1   |                    |



## **BU Calendar of Events**

Bishop's University Home

| ι   | UPCOMING TODAY  |            | YEAR M          | MONTH               | WEEK  | DAY                | Advanced Search                 | Search   |                    |                |                                 |         |
|-----|---|------------|-----------------|---------------------|---|--------------------|---------------------------------|----------|--------------------|----------------|---------------------------------|---------|
|     |   | 16 23 30 7 |                 | Th 4 11 18 25 2 9   | Fr 5 12 19 26 3 10 S  | Sa 6 13 20 27 4 11 | Wee                             | k of M   | ay 31, 20          | 15 »           |                                 | Details |
| All |   | IIC Ca     | alenu           | lar                 |   |                    | Sunday, May 31, 201             |          |                    |                |                                 |         |
| Alu |   | Even       | its             |                     |   |                    | « 3/10 - 6/24 »                 |          | oreman Art Gallery | ımmer Art Camp | p 2015 at the Community Art Lab |         |
| Clu | Athletics Clubs and Organizations                             |            | « 4/15 - 7/4 »  | Location: Fo        | n: Between-the-Ima<br>preman Art Gallery<br>as: Exhibitions | ges                |                                 |          |                    |                |                                 |         |
| Lec | Conferences and Meetings  Lectures and Seminars  Other Events |            |                 | 10:00 AM - 11:00 AM | Location: Ch  |                    | itual, Campus Mi                | linistry | ₽ 🔤 🤇              |                |                                 |         |
|     | Services and Facilities                                       |            |                 | Monday, June 1, 201 | 5   |                    |                                 |          |                    |                |                                 |         |
| So  | Social Events Special Events                                  |            | « 3/10 - 6/24 » | _                   | n period for the Su<br>preman Art Gallery                   | ımmer Art Camı     | p 2015 at the Community Art Lab | <u></u>  |                    |                |                                 |         |
| -   |   |            |                 | Topical Area        | -   |                    |                                 |          |                    |                |                                 |         |
| Stu | ıdant   | Life       |                 |                     |   |                    |                                 |          |                    |                |                                 |         |



## ONGOING

Academic

Calendar

Athletics

Film

Conferences

Lectures and

Performances and

Readings

Exhibitions

Workshops

All calendars

Locations Commons Laws

Special Events

Student Activities

Alumni Events

Exhibition | Senior Show 2015 5/27/15 - 6/6/15

Exhibition | 1298 Avenue of the Americas Gallery (featuring Andrew Spence)

3/16/15 - 6/12/15

MASS MoCA Exhibition | Liz Deschenes' Solo Exhibition

5/23/15 - 6/26/16

Bennington Museum Presents | Dan Shapiro: "Living the Print" 1949-1969 Exhibition

5/16/15 - 8/9/15 Postbaccalaureate

Premed Program

6/11/15 - 8/14/15

MFA in Writing Program Residency

6/19/15 - 6/28/15

Summer Field Work Term 6/22/15 - 8/7/15

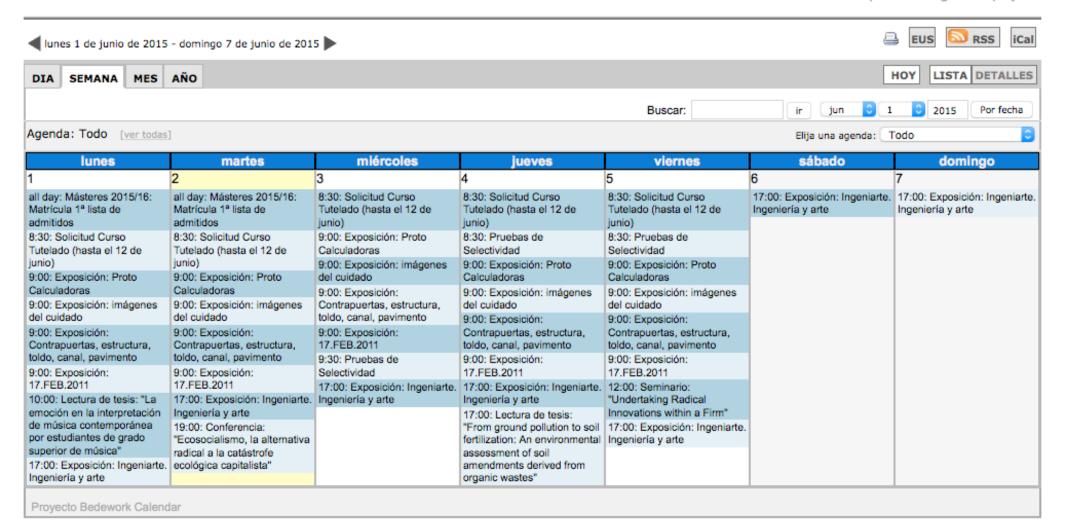
MATSL Capstone Seminar 6/28/15 - 7/3/15

## UPCOMING EVENTS | ALL EVENTS

## 📠 💷 < End of MFA writing program winter term Sunday, May 31, 2015 Location: Bennington Campus Topical Areas: Academic Calendar Piano Show Ups 🏥 🔤 < Monday, June 1, 2015 7:00 PM - 9:00 PM Location: Jennings 136 Film screening from Advance Video Projects 📠 💷 < Monday, June 1, 2015 7:00 PM - 9:00 PM Location: VAPA Kinoteca 📠 💷 < **OPEN TO THE PUBLIC** Junior Music Recital | Dane Whitman Monday, June 1, 2015 8:00 PM - 9:30 PM Location: Deane Carriage Barn, Fireplace Room Topical Areas: Music 📠 💷 < OPEN TO THE PUBLIC Studio Dance Concert Monday, June 1, 2015 9:00 PM - 10:30 PM Location: VAPA E303 Dance Studio Topical Areas: Dance Final reports on June graduates due 📠 🙉 < Tuesday, June 2, 2015 Location: Bennington Campus Topical Areas: Academic Calendar 📠 💷 < Junior Music Recital | Chris (Mowgli) Giannitti Tuesday, June 2, 2015 12:00 PM - Wednesday, June 3, 2015 12:00 AM







<sup>\*</sup>Esta Agenda ofrece la posibilidad de consultar cuatro subagendas -Investigación, Académica, Extensión Universitaria y Otras Actividades-, a través del cajetín donde se lee "Elija una agenda".

Si no se elige ninguna agenda específica, aparecen por defecto todos los eventos, salvo aquellos que duran más de un día. Para ver estos últimos habría que seleccionar la opción "Más eventos" que aparece en la parte superior derecha de la pantalla.

Para más información sobre las distintas funcionalidades de la Agenda, se puede consultar la Ayuda.



Found 839 events (2ms)

Start date

05/01/2015



QUICK VIEWS:

Day, Week, or Month

NARROW YOUR RESULTS:

## Search by category

Religious/Spiritual (211)

Health/Wellness (203)

Student (128)

Tour (108)

Alumni/Reunion (91)

Workshop/Short Course (60)

See 46 more

### Search by group

Duke Chapel (212)

Duke Catholic Center (122)

Sarah P. Duke Gardens (83)

Live for Life (LFL) (76)

Pratt School of Engineering (73)

Athletics (56)

See 71 more







## ≪ Monday, June 01, 2015 ⇒ Displaying 1 to 40 of 839 events



#### Monday, June 01, 2015

11:00 am - 1:00 pm

| :00 am - 11:00 am | Statistical Science Faculty Meetings                             |
|-------------------|--|
|                   | Sponsor: Statistical Science<br>Location: Old Chemistry 25 - Map |



Series Name: Arts & Health at Duke Live Music Series

Presenter: Artist in Residence, Tim Smith

Sponsor: Arts & Health at Duke

Location: Duke Unversity Hospital - Map

Webcast: Watch here

## Machine Learning with MATLAB, Student talks: Gerrymandering



Sponsors: Information Initiative at Duke (iiD), Bass Connections-Information, Society & Culture, Biostatistics and Bioinformatics, Computer Science, Energy Initiative, Mathematics,









feedback





Manage events Submit an event Calendar support Submit feedback Request a new calendar

## **UChicagoEvents**



## Monday, June 1, 2015: All Events

| All Events               |  |  |  |
|--------------------------|--|--|--|
| Arts                     |  |  |  |
| Conferences and Lectures |  |  |  |
| Diversity Events         |  |  |  |
| Featured Events          |  |  |  |
| Ongoing Events           |  |  |  |
| Student Events           |  |  |  |
| Academic Calendar        |  |  |  |
| Search                   |  |  |  |

#### Featured Events

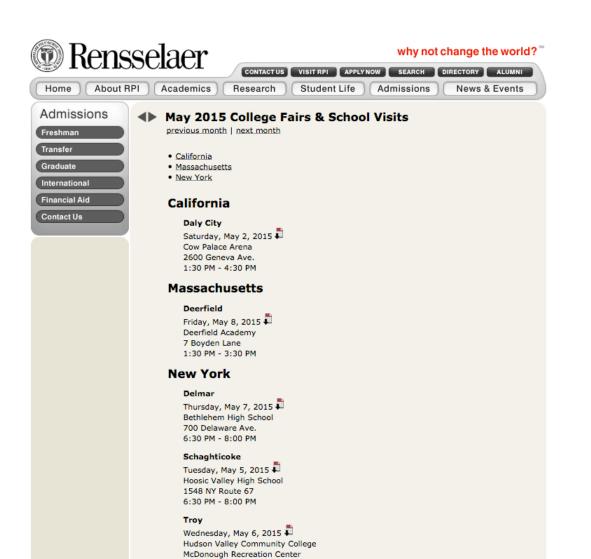
Tue

| Today  | Exiling Chicago's        |
|--------|--------------------------|
| Jun. 1 | Ex-Offenders: A Dialogos |
|        | Workshop                 |
|        | 9:00 a.m4:30 p.m.        |
|        | Ida Noyes Hall, Library  |
|        |                          |

Composition Seminar

| Day Week           | Month  |      |
|--------------------|--|------|
| < Previous         | Nex  | kt > |
| Monday, June 1, 20 | 15   |      |
| 4:00–5:30 a.m.     | Closs Lecture - Professor Darrell Irvine: Massachusetts Institute of Technology, "Engineer-<br>ing Immunity with Hitchhiking Therapeutics"<br>Kent Chemical Laboratory, Room 120 | *    |
| 9:00 a.m4:00 p.m   | Writing for Results: Effective Letters, Memos, and E-mail Messages Other Location (see description)  | *    |
| 9:00 a.m4:30 p.m.  | Exiling Chicago's Ex-Offenders: A Dialogos Workshop<br>Ida Noyes Hall, Library   | *    |
| 12:00–1:30 p.m.    | American Politics Workshop<br>Pick Hall, Lounge  | *    |
| 12:00–1:30 p.m.    | Political Theory Workshop<br>Pick Hall, Room 506   | *    |
| 12:00–1:30 p.m.    | American Politics Workshop<br>Pick Hall, Lounge  | *    |

# Departmental **Calendars**



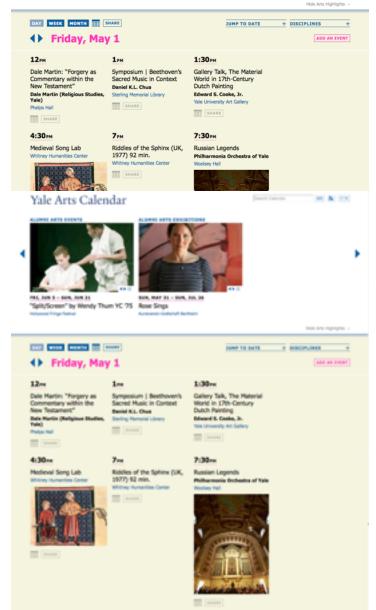
#### Yale Arts Calendar



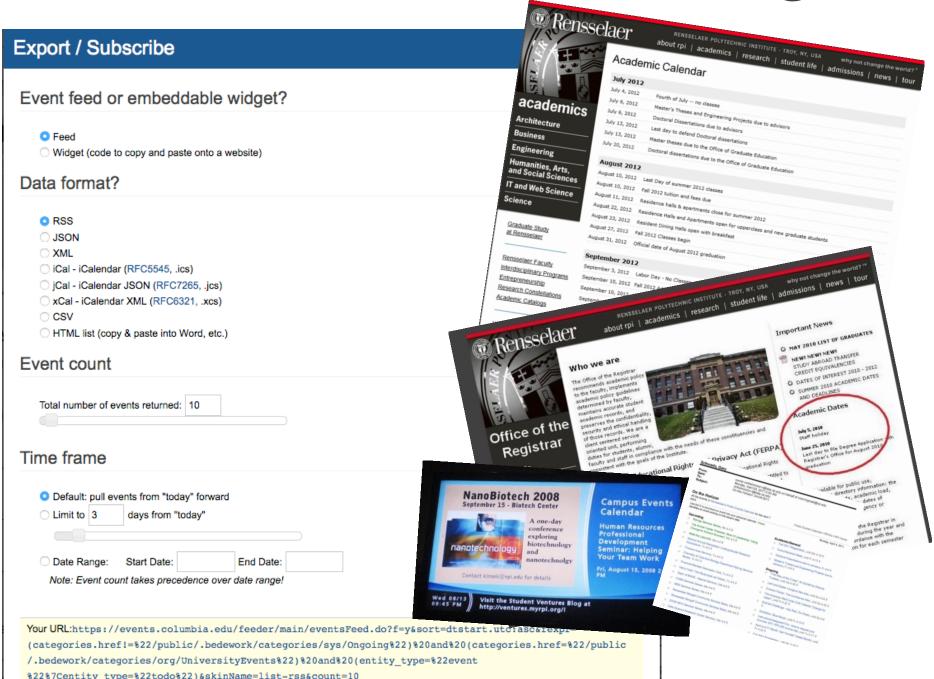
"Split/Screen" by Wendy Thum YC '75 Rose Sings

60 🔊 AA

SUN, MAY 31 - SUN, JUL 26



# **Bedework Feeds & Widgets**



## **Bedework Public Events Administration**



Calendar Suite MainCampus Group: Communications change Logged in as: admin log out

Main Menu Approval Queue Suggestion Queue Pending Queue Users System Search:

You are logged in as superuser.



Add Event



Add Contact



Add Location



Manage Events



Manage Contacts



Manage Locations

## **Bedework Public Events Administration**



| calendar Suite | waincampus     |               | Cloup. Communications | Logged III as. Vbede |
|----------------|----------------|---------------|-----------------------|----------------------|
| Main Menu      | Approval Queue | Pending Queue | Search:               |                      |

#### **Event Information**

| Update Event | Copy Event Return to list Delete Event   |
|--------------|--|
| Title:       | TIGER, tiger, burning bright   |
| Date & Time: | □ all day  |
|              | Start:  Date 2015-06-02  |
|              | End:   |
|              | O Date   |
|              | ● Duration ● 0 days 1 hours 0 minutes or ○ 0 weeks   |
|              | ○ This event has no duration / end date  |
| Recurrence:  | o event recurs event does not recur  |
| Status:      | ● confirmed ○ tentative ○ canceled   |
| Description: | in the forest of the night   |
|              |  |
|              |  |
|              |  |
|              |  |
|              | 500 characters max.  |
| Cost:        | optional: if any, and place to purchase tickets  |
| Event URL:   | optional link to more information about the event  |
| Image:       |  |
|              | Image URL:   /public/images/640px-Siberischer_tiger_demodified.jpg   |
|              | -or- Upload image:  Browse No file selected.  Uploads can be JPG, PNG, or GIF and will overwrite the image and thumbnail URLs. |
|              |  |
|              | ingt.  |
|              | remove images  |

| Location:                  | my location ‡ ● preferred ○ all   |   |               |
|----------------------------|---|---|---------------|
| Contact:                   | my contact 💲 🏿 preferred 🔾 all  |   |               |
| Topical area:  Suggest To: | Academic Calendar     Academic Calendar     Commencement     Deadlines     Holidays     Openings and Closings     Alumni Events     Arts     Concerts     Dance     Exhibits     Films     Readings     Theater     Athletics     Campus     Campus1     Campus2     Campus3     Clubs and Organizations     Conferences and Meetings     Conferences     Discussions     Forums     Meetings     Bomedical Engineering     Mechanical Engineering     Mechanical Engineering     Mechanical Engineering     Music Department | ELECTURES and SeminarS  LectureS  SeminarS  Ongoing  College Fairs  Employee Events  Fund Raising  Health Services  Open Houses  Other  Sales  Staff Holidays  Tours  University Governance  Services and Facilities  Construction  Facilities  Parking  Room or Building Closings  Service Outages or Changes  Social Events  Gaming  Receptions  Recognitions  Religious or Spiritual  Social Gatherings  Volunteer Opportunities  Special Events  Training  Short Courses  Student Career Development  Staff Training  Workshops |               |
| Update Event               | Copy Event Return to list   |   | Delete Event  |
| Opuace Evenic              | COPY EVERIT RECUIT TO 1131  |   | Delete Evelit |
|                            |   |   |               |

Bedework Website | show XML | refresh XSLT

| Topical area: |                            |                            |
|---------------|----------------------------|----------------------------|
|               | ■ Academic Calendar        | ■ Lectures and Seminars    |
|               | Academic Calendar          | Lectures                   |
|               | Commencement               | Seminars                   |
|               | Deadlines                  | Ongoing                    |
|               | Holidays                   | ⊕ Other Events             |
|               | Openings and Closings      | College Fairs              |
|               | Alumni Events              | Employee Events            |
|               | ⊞ Arts                     | Fund Raising               |
|               | Concerts                   | Health Services            |
|               | Dance                      | Open Houses                |
|               | Exhibits                   | Other                      |
|               | Films                      | Sales                      |
|               | Readings                   | Staff Holidays             |
|               | Theater                    | Tours                      |
|               | Athletics                  | University Governance      |
|               | ⊞ Campus                   | Services and Facilities    |
|               | Campus1                    | Construction               |
|               | Campus2                    | Facilities                 |
|               | Campus3                    | Parking                    |
|               | Clubs and Organizations    | Room or Building Closings  |
|               | ■ Conferences and Meetings | Service Outages or Changes |
|               | Conferences                | Social Events              |
|               | Discussions                | Gaming                     |
|               | Forums                     | Receptions                 |
|               | Meetings                   | Recognitions               |
|               | ⊕ Departments              | Religious or Spiritual     |
|               | School of Engineering      | Social Gatherings          |
|               | Biomedical Engineering     | Volunteer Opportunities    |
|               | Mechanical Engineering     | Special Events             |
|               | School of Humanities       | ⊞ Training                 |
|               | ✓ English Department       | Short Courses              |
|               | Music Department           | Student Career Development |
|               | _ made population          | Staff Training             |
|               |                            | Workshops                  |

# Recurrence Support

| Recurrence: | event recurs  event does not recur                              |  |  |  |  |  |  |
|-------------|---|--|--|--|--|--|--|
|             | Recurrence R  |  |  |  |  |  |  |
|             | Frequency:     none     daily     weekly     monthly     yearly | Repeat:  o forever 2 time until 2015-04-01                     |  |  |  |  |  |
|             |   | Interval:every 1   |  |  |  |  |  |
|             | Recurrence ar   | nd Exception Dates   |  |  |  |  |  |
|             | 2015-04-01  | 12 ‡ 00 ‡ ② America/New_York ‡ add recurrence                  |  |  |  |  |  |
|             | Exception dates   | s may be created by deleting an instance of a recurring event. |  |  |  |  |  |
| _           |   |  |  |  |  |  |  |





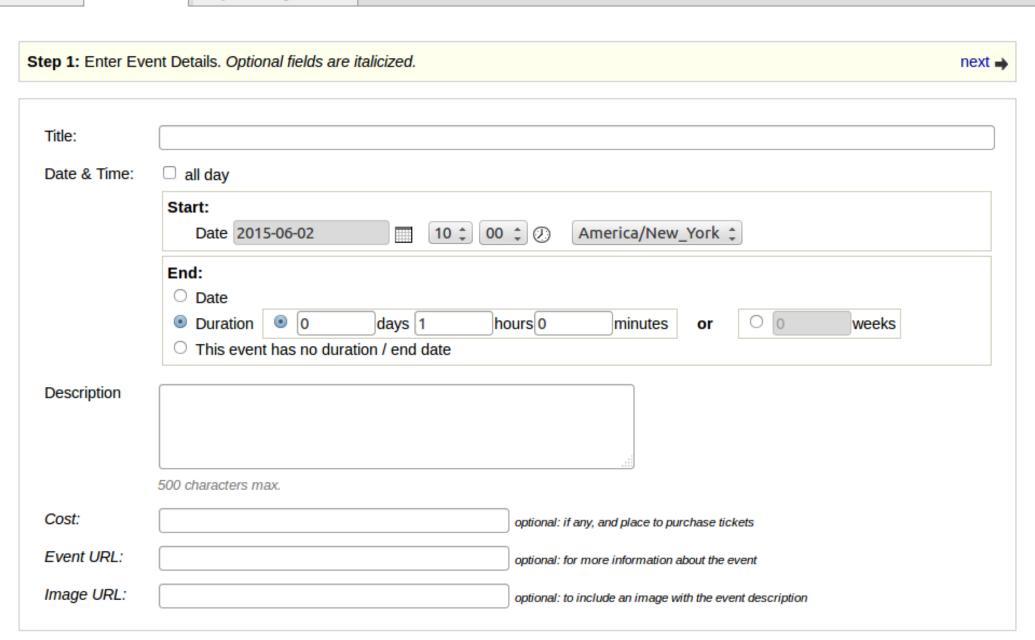
logged in as vbede logout

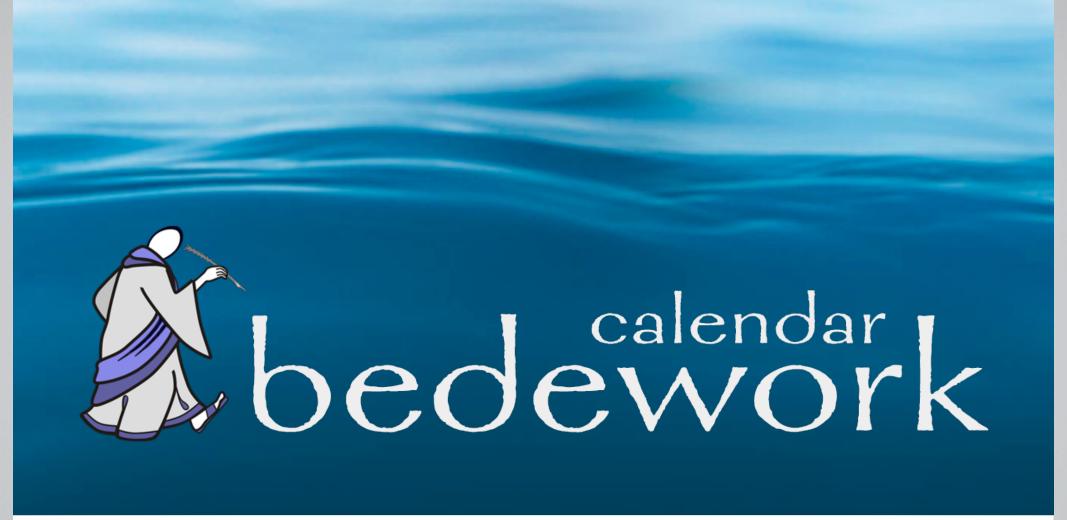


Overview

Add Event

My Pending Events

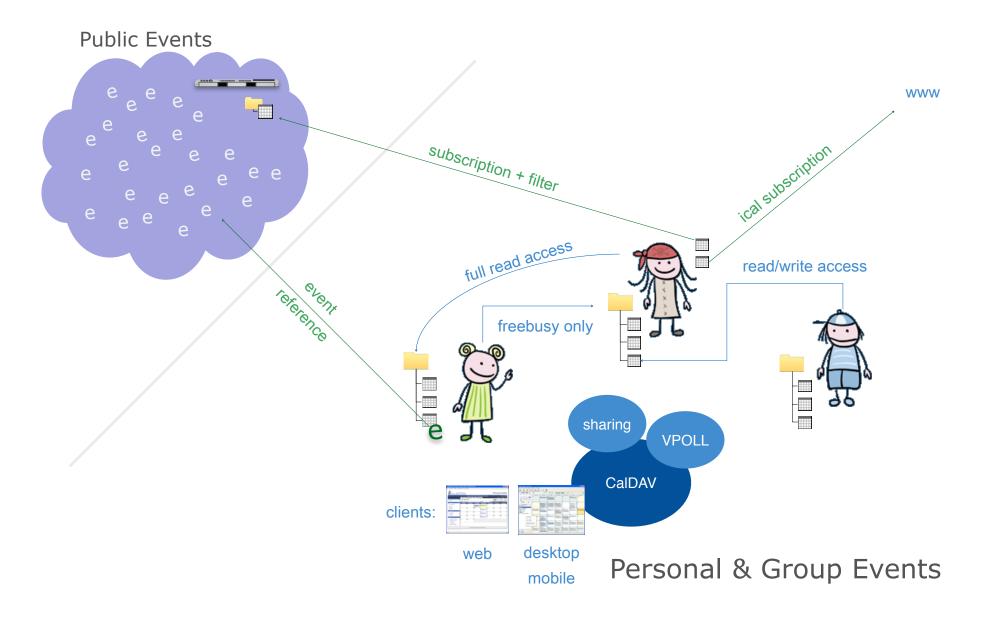




Personal Calendaring



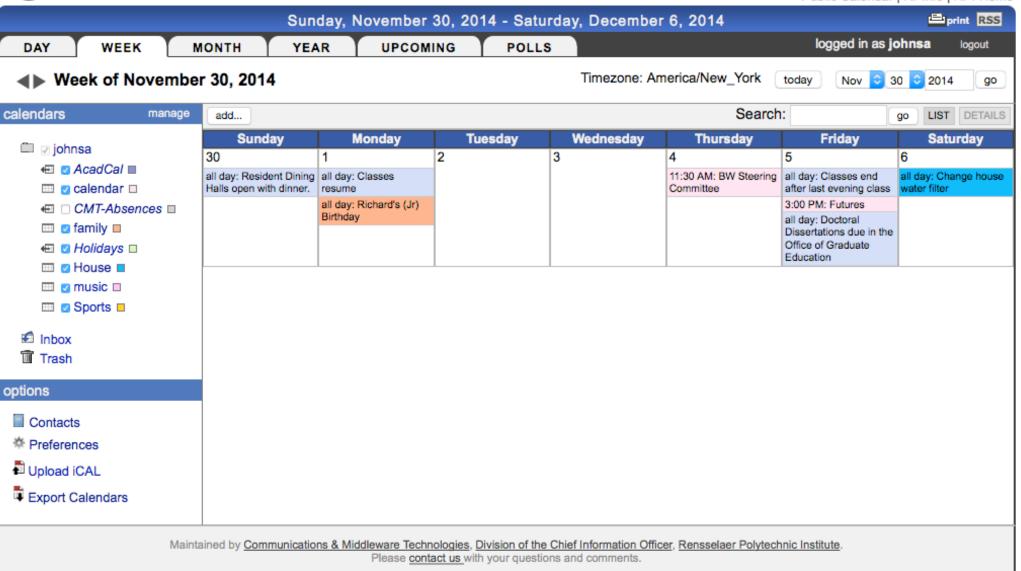
#### **Bedework Personal Calendaring**



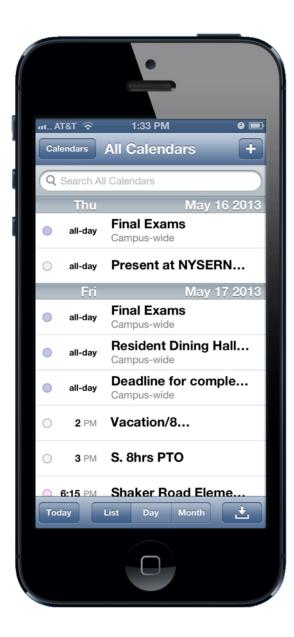


#### Personal Calendar

Public Calendar | RPInfo | RPI Home



## **Bedework via CalDAV**



- Direct calendar integration via CalDAV\*
- Sharing and notifications!

(standards, standards!)

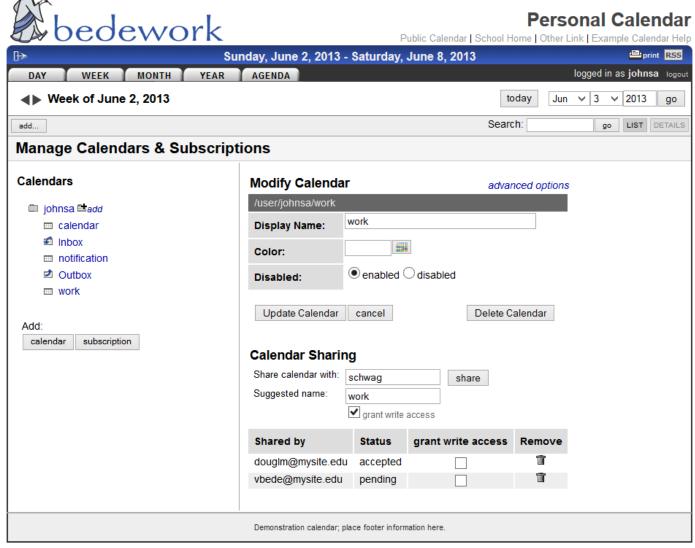
\*Apple iCal, iPhone, iPad, Android phones, Mozilla Lightning, EM Client, many more...

See: http://caldav.calconnect.org/implementations/clients.html



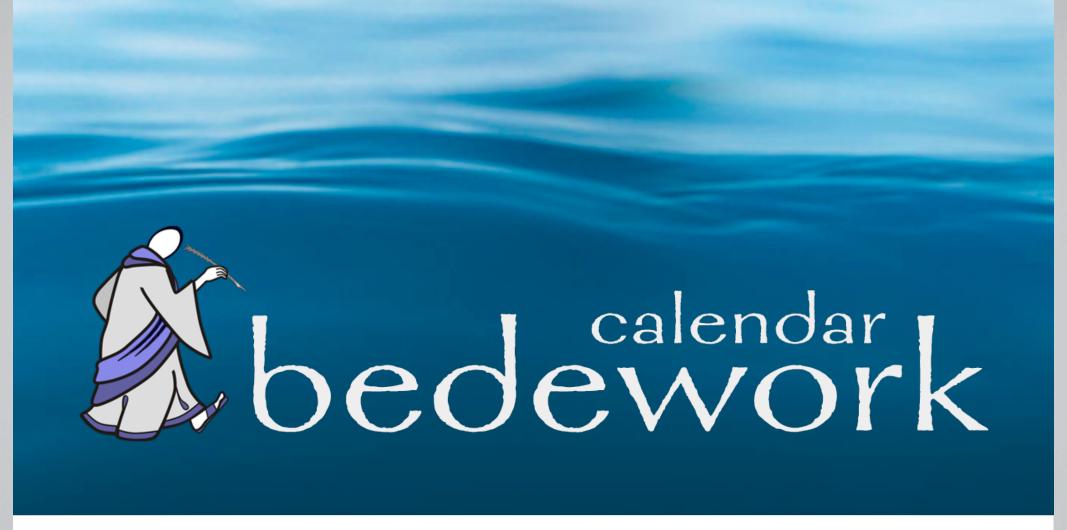


# Calendar Sharing (web UI)





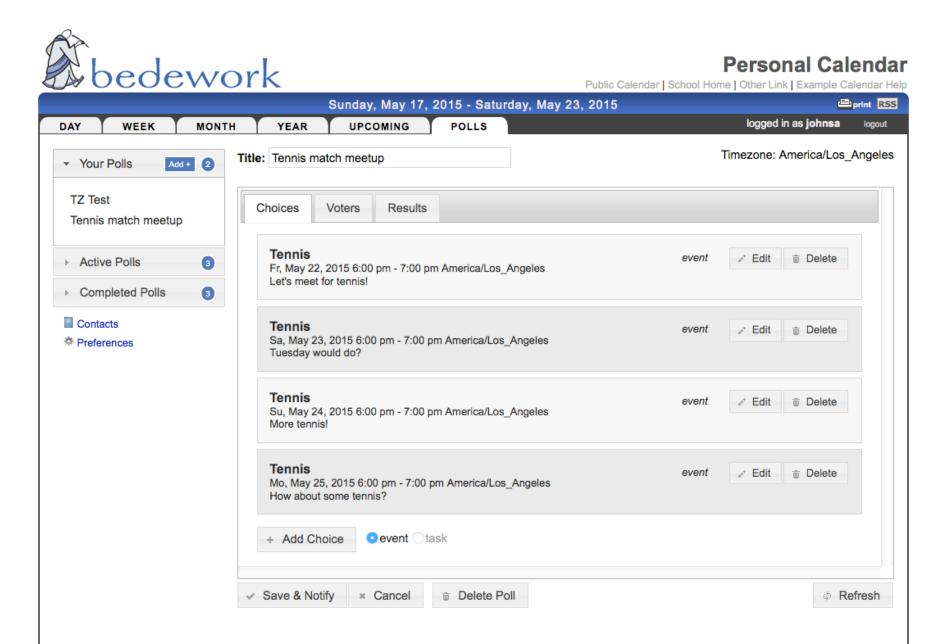




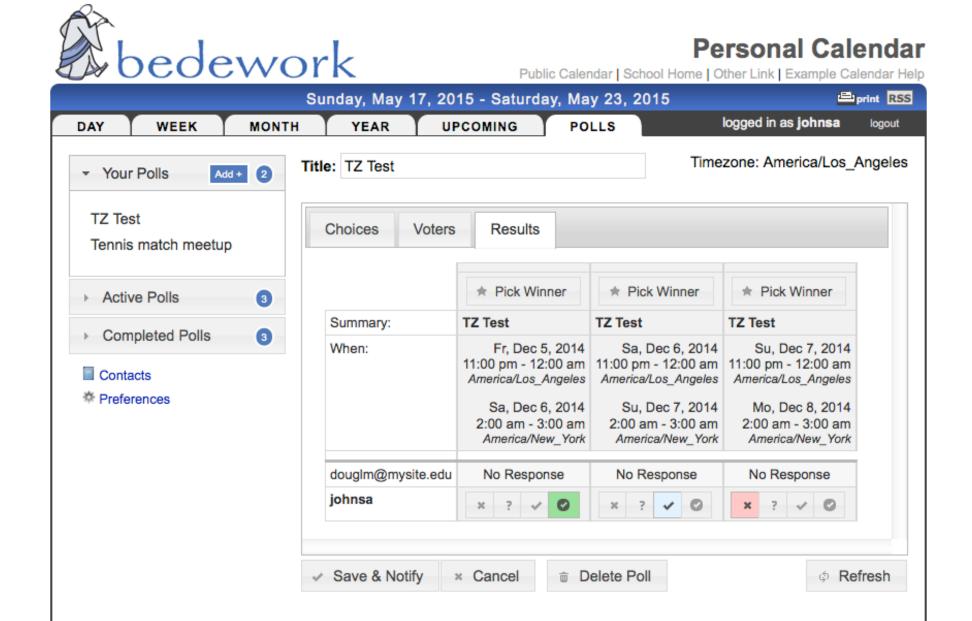
Bedework Important Features in Development



#### Consensus Scheduling: VPOLL



#### Consensus Scheduling: VPOLL



## Improved Notifications







#### **Event Registration Enhancements**

#### **User view**

#### My Event Registrations

Registration ID Registrations Start Date/Time Per Tengstrand: 2 Hands, 3 Pianos October 4, 2008 - 12:00 PM EMPAC Concert Hall 1569 3 3 v update I remove

#### Register for this event



You are registered for this event.

unregister

Welcome aj2660 view my list | logout

#### **Administrative view**



| Registration: | ✓ Users may register                     | for thi                                    | s event                                       | t       |       |    |        |     |                  |  |  |
|---------------|--|--|---|---------|-------|----|--------|-----|------------------|--|--|
|               | Total registrants: Reservations allowed: |  | (total number of allowed registrants)         |         |       |    |        |     |                  |  |  |
|               | Reservations allowed.                    | , III                                      | (max number of allowed reservations per user) |         |       |    |        |     |                  |  |  |
|               |  | 2012-0                                     | 06-07   |         | 11    | •  | 00     | • O | America/New_York |  |  |
|               |  | (date/time registration becomes available) |   |         |       |    |        |     |                  |  |  |
|               | Registration closes:                     | 2012-0                                     | 06-07   |         | 11    | •  | 00     | • O | America/New_York |  |  |
|               |  | (date/t                                    | ime of r                                      | egistra | ation | cu | t off) |     |                  |  |  |

# Suggested Events

| Suggestion C<br>The following ever<br>your suite: |                  | other administrativ | e groups for in   | clusion in View | r: O suggested o acc                           | epted orejecte |
|---|------------------|---------------------|---|-----------------|--|----------------|
| Title   | Start            | End                 | Categories  | Author          | Description                                    | Accept?        |
| Museum Exhibit                                    | 4/27/15 9:00 AM  | 5/27/15 10:00 AM    | Type<br>Information Se<br>org/Libraries<br>sys/Ongoing                    | cta2307         | Museum - 30 days                               | Accept         |
| Suggested event                                   | 5/22/15 all day  | 5/22/15 all day     | Off Campus Type Location Audience Public Featured Events open to Concerts | cta2211         | Test suggest                                   | Accept         |
| TeST RECURRING<br>EI                              | 5/22/15 12:00 PM | 5/22/15 2:00 PM     | Type Location Audience Category Open House Art Alumni Events open to      | tcp2114         | TEST  Recurring event.  Edit:master   instance | Accept         |





# Simple Workflow

Main Menu Approval Queue

Suggestion Queue

Users

System

#### **Approval Queue**

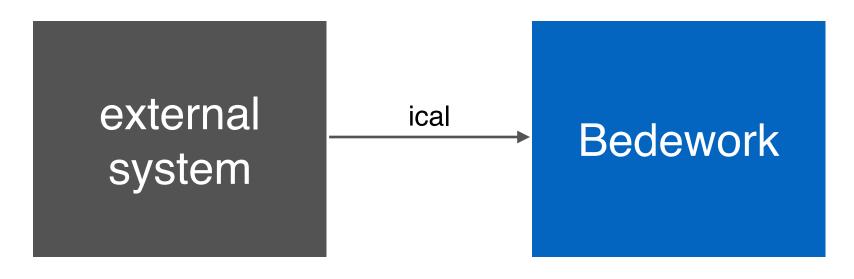
The following events are awaiting approval:

| Title         | Start           | End             | Topical Areas   | Categories   | Author | Description        |  |
|---------------|-----------------|-----------------|---|--|--------|--------------------|--|
| A Great Event | 5/22/15 all day | 5/22/15 all day | /Category/Business<br>/Type/Conference<br>/Events open to/Faculty | Type Location Audience Category Conference Business Faculty Events open to org/Libraries | aj2660 | A great event test |  |





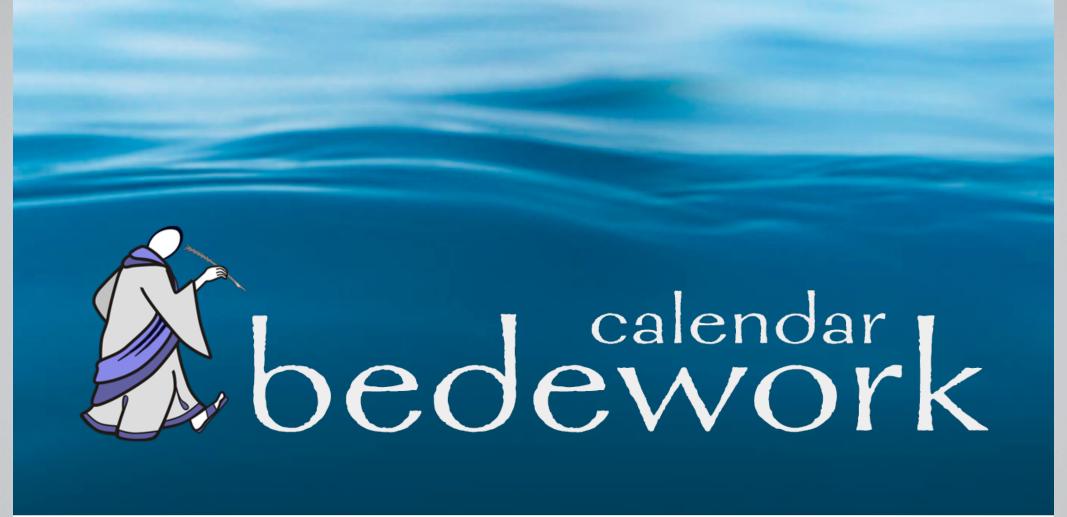
# Significant Improvements to External Subscription Processing for Public Events System





synchronization, category mapping, location & contact processing

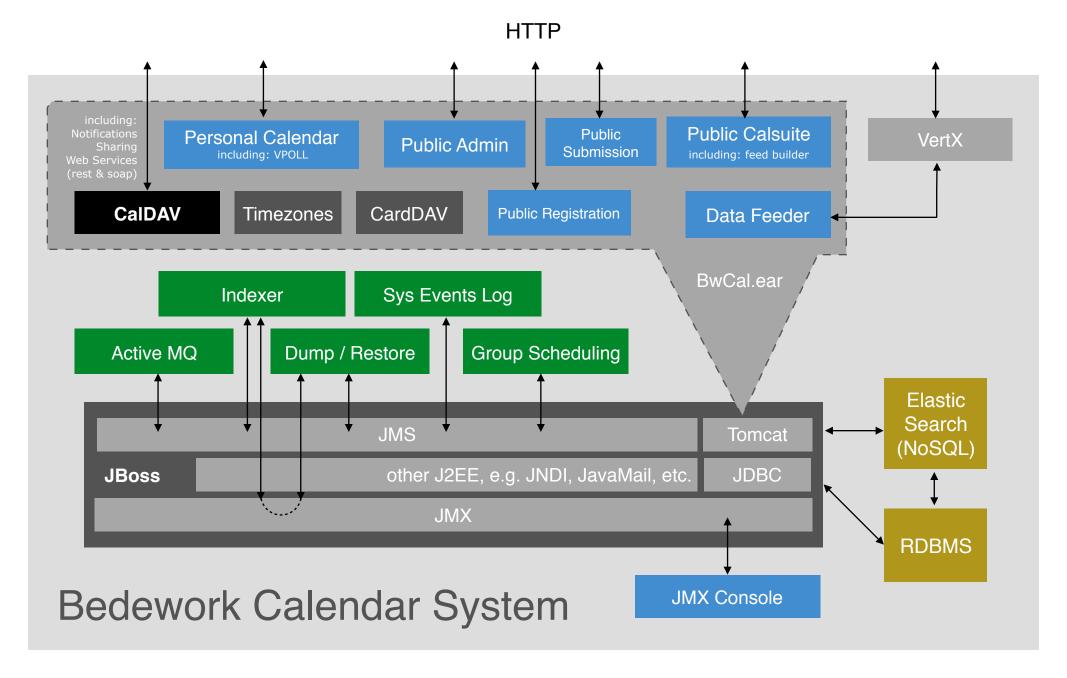




Bedework Architecture & Integrations

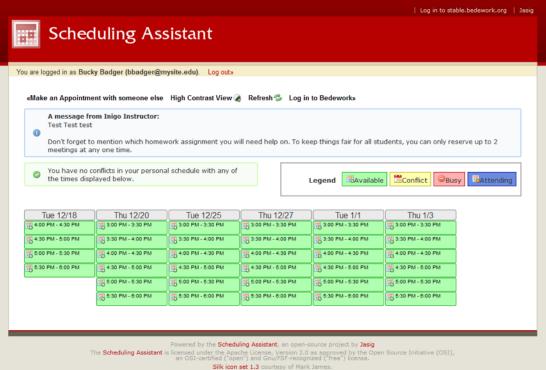


### **Bedework Architecture**



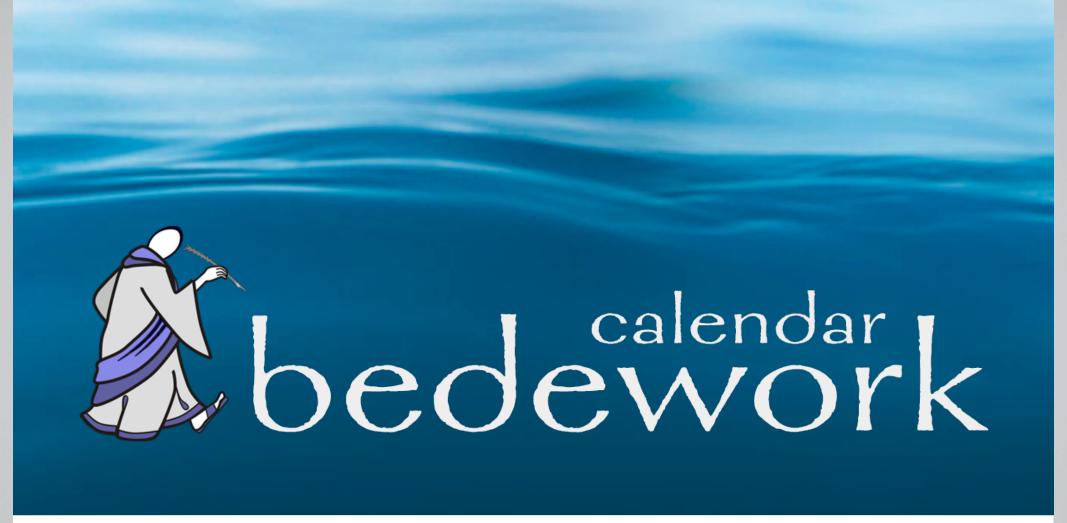
## **Bedework Sometime**











Bedework the Project



### Bedework is nine.



As of March, 2015

#### **Bedework Releases**

2014 Bedework 3.10 2009 Bedework 3.5

2012 Bedework 3.9 2007 Bedework 3.4

2012 Bedework 3.8 2006 Bedework 3.3

2011 Bedework 3.7 2006 Bedework 3.2

2010 Bedework 3.6 2006 Bedework 3.1

2006 Bedework 3.0





#### We have 7 committers

5 primarily on Bedework

2 primarily on Bedework Sometime







#### Subversion

2015 (4+ months): 498 commits

2014: 1626 commits

2013: 1270 commits

2012: 1436 commits

2011: 1648 commits

2010: 1673 commits







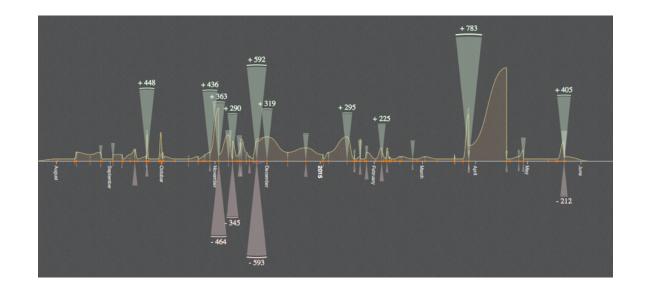
## GitHub

#### Transitioning for BW 4.0

https://github.com/Bedework

24 repositories

#### 6,881 commits over 3 years









# Issue Tracking

#### Have been using GitHub

https://github.com/Bedework/bedework

BW 3.10: 2 open, 59 closed

BW 3.10.1: 12 open, 3 closed







# Steering Committee

#### Nine members:

Gary Schwartz, Deborah Johnson, Arlen Johnson, Barry Leibson, Mike Douglass, Eric Wittmann, Greg Allen, Carlos Alonso Vega, and Nicholas Blair















## **Sponsored Development**

Significant interest has grown for sponsorship both public and private.

In particular we wish to thank **Columbia University IT** and the **Nashville Public Library**for their support of version 3.10.







## **Sponsored Development**

Rensselaer Polytechnic Institute has been the long-time sponsor of core Bedework development.

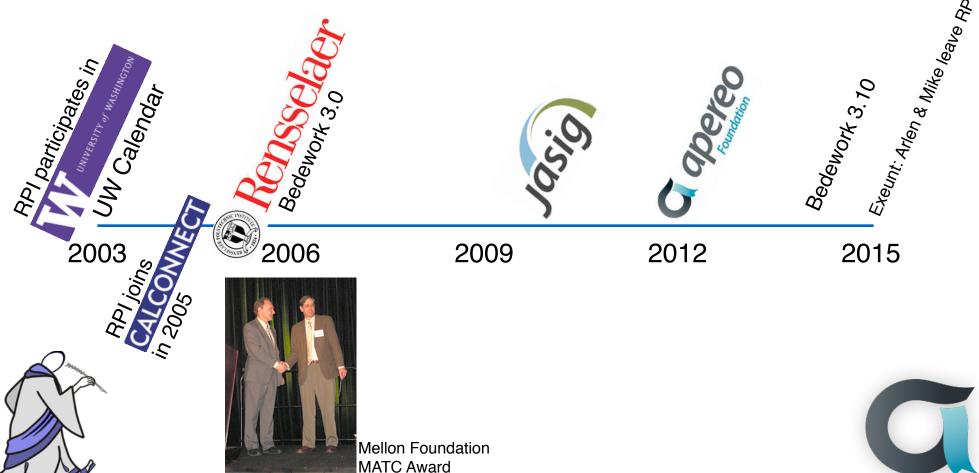






#### Rensselaer & Bedework

Gary Schwartz, Mike Douglass, Arlen Johnson



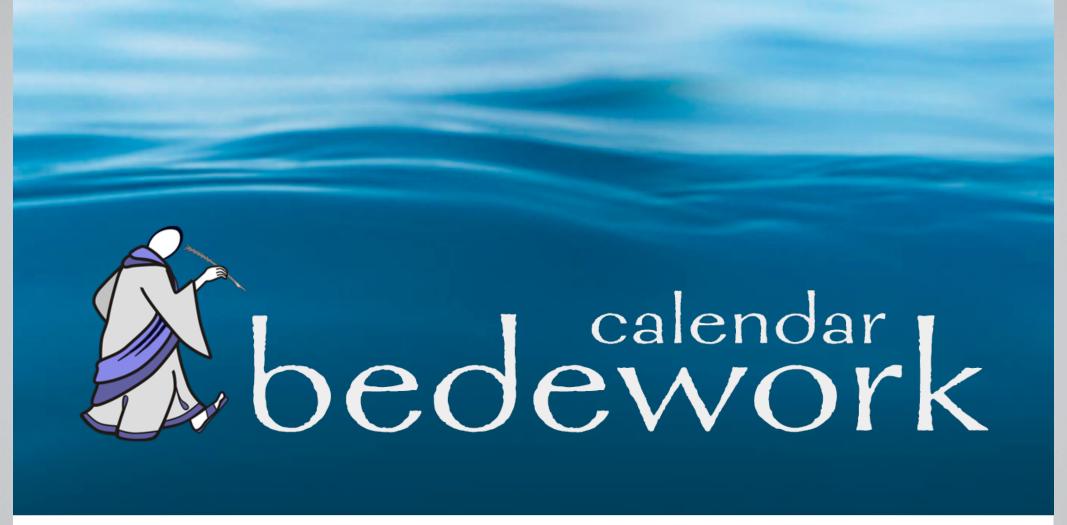
## **Project Futures**

Bedework, the project, and Bedework the product, are both thriving. Adoption and development continue within the higher ed community, as well in the commercial and non-profit sectors. Bedework components are incorporated into other products and systems, and Bedework's public event calendaring is outstanding. New features, such as consensus scheduling (à la Doodle) will be very well received additions. The Bedework "Sometime" component, originally developed at the University of Wisconsin Madison, has great potential. Although the center of Bedework development is shifting, I anticipate that Bedework development will actually accelerate, not diminish.



Gary Schwartz, Chair Bedework Steering Committee





#### Bedework website:

https://www.apereo.org/projects/bedework

