

# Using OpenSocial Gadgets

- [Overview](#)
  - [What can you do?](#)
  - [An example](#)
  - [OpenSocial](#)
  - [ORNG](#)
- [Adding gadgets to VIVO](#)
  - [Under your control](#)
  - [Under control of your faculty](#)
- [Getting started](#)

## Overview

### What can you do?

Your site administrators can configure a collection of "gadgets" for your VIVO installation. From that collection, each faculty member can decide which gadgets he will show on his profile page, and how they should be configured.

Perhaps it would be better to describe the gadgets as "page sections", because you can use CSS styling to make the gadget seamlessly match your theme. The result is profile pages that still look unified, but are at least partially configurable by the individual faculty member.

### An example

Here is a portion of a profile page from UCSF Profiles. Each gadget is there because the page owner selected it and configured it.

UCSF University of California, San Francisco | About UCSF | Search UCSF | UCSF Medical Center

# UCSF Profiles

search, discover, network

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Sign in to edit your profile (add interests, mentoring, photo, etc.)

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**Douglas's Networks**

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**Same Department**  
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 Feldman, Mitchell  
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UCSF Chatter  
 Login to create a UCSF Chatter group right from UCSF Profiles!

**Overview** Interests Featured Publications Websites Featured Videos In The News

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**Overview**  
 Since 1982 I have been a clinician-investigator in the Division of General Internal Medicine at UCSF where I maintain a general medicine practice (Mt Zion) and teach. As an executive member of the San Francisco Coordinating Center I direct the Endpoints Group. I started and currently direct the CTSI-funded Resident Research Training Program at UCSF. My research interests include the etiology, diagnosis and treatment of osteoporosis and other skeletal disorders, clinical biomarkers, and thyroid dysfunction.

**Interests**  
 Clinical epidemiology, osteoporosis, thyroid dysfunction, biomarkers

**Featured Publications**

- Bauer DC. The calcium supplement controversy: now what? *J Bone Miner Res.* 2014 Mar; 29(3):531-3. [View in PubMed](#)
- Bauer DC. Clinical practice. Calcium supplements and fracture prevention. *N Engl J Med.* 2013 Oct 17; 369(16):1537-43. [View in PubMed](#)
- Bauer DC. Vertebral Augmentation vs Nonsurgical Therapy: Improved Symptoms, Improved Survival, or Neither? *JAMA Intern Med.* 2013 Sep 9; 173(18):1522-3. [View in PubMed](#)
- Rodondi N, Bauer DC. Subclinical hypothyroidism and cardiovascular risk: how to end the controversy? *J Clin Endocrinol Metab.* 2013 Jun; 93(6):1947-9.

**Websites**

- California Technology Assessment Forum
- Clinical Profile at UCSF Medical Center
- SF Coordinating Center
- UCSF Division of General Internal Medicine Profile
- UCSF Resident Research Training Program

**Featured Videos**

Osteoporosis: Update on Diagnosis and Treatment

**In The News**

- Calcium Supplements and Fracture Risk (October 17, 2013)
- Calcium and Cardiovascular Disease (October 4, 2013)

**More Info**

Click below to filter Douglas C Bauer's research:

osteoporotic osteoporosis bmd  
 bone mineral density osteoporotic fractures dwell  
 spine fracture risk postmenopausal woman  
 mineral density s-d x-ray hip fracture bone density  
 density bmd femoral

See full profile on KNOX including:



Annual Activity  
 2008 to 2014

229 papers 14 grants 0 trials 0 patents

**Publications**

Publications listed below are automatically derived from MEDLINE/PubMed and other sources, which might result in incomplete or missing publications. Researchers can [login](#) to make corrections and additions, or [contact us](#) for help.

List All | Timeline

- Witt CD, Baum MR, de Costa BR, Baumgartner C, Collet TH, Medjo M, Peeters RP, Aujesky D, Bauer DC, Rodondi N. Subclinical Thyroid Dysfunction and the Risk for Fractures: A Systematic Review and Meta-analysis. *Ann Intern Med.* 2014 Aug 5; 161(2):189-99. [View in PubMed](#)
- Lee DS, Markwardt S, Goeres L, Lee CG, Eickstrom E, Williams C, Fu R, Orwoll E, Cawthon PM, Stefanick ML, Mackey D, Bauer DC, Nielson CM. Statins and physical activity in older men: the osteoporotic fractures in men study. *JAMA Intern Med.* 2014 Aug 1; 174(8):1263-70. [View in PubMed](#)
- Weiler S, Gampert A, Collet TH, Bauer DC, Zimmerli L, Cornuz J, Battagay E, Gaspoz JM, Karr EA, Aujesky D, Rodondi N. Clinically relevant profile: osteoporosis risk factor needed to estimate risk of osteoporotic fracture.

gadget

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## OpenSocial

The OpenSocial standard was developed to make it easy for developers to add functionality to social networking systems like Google and MySpace. OpenSocial has lost popularity in social networking, but is becoming more favored in enterprise systems.

The Clinical and Translational Science Institute at UCSF created a project to host OpenSocial gadgets in the Harvard Profiles system. In keeping with the cross-platform origins of OpenSocial, the CTSI team decided to adapt their gadgets for use in VIVO as well.

## ORNG

Social networking systems provide very little information about their participants. The group at CTSI wanted to combine the display tools of OpenSocial with the data structure of VIVO RDF. They accomplished this through an extension to the standard, which they called Open Research Networking Gadgets, or ORNG.

## Adding gadgets to VIVO

The gadgets used at UCSF are provided in a library. Some are written specifically for UCSF, or specifically for the Harvard Profiles platform. However, many are available for use in VIVO.

You can also create your own gadgets. The gadgets are written in JavaScript, and you can use the existing gadgets as coding examples.

## Under your control

The VIVO administrators select which gadgets will be available for the site. They also decide where the gadgets will appear on a profile page, if enabled.

## Under control of your faculty

Each page owner may choose to enable individual gadgets for their page. A gadget may be written to accept settings that allow further configuration of its content and appearance.

## Getting started

The VIVO Installation Instructions contain a section on how to add OpenSocial gadgets to a VIVO site. This will require some setup, and re-deploying VIVO. Once those steps are completed, your gadget library is configured by settings in a MySQL database table, and the gadget appearance is controlled by your Freemarker templates and CSS files.

For more information about Open Research Networking Gadgets, see the [ORNG web site](#).