Profiles (Research Networking Software)

Anatomy of a Profile

1. At the top of each profile, you will see a **Login** link. Clicking this link will allow you to login and edit your profile or the profiles of others if you are a Proxy.

2. The top section of information with Title, Institution and other demographic information is not user editable and comes through a data feed. To have this data edited the Office of Faculty Affairs needs to be contacted at facultyaffairs@umassmed.edu.
3. Education and Training appears next, this data is also maintained by the Office of Faculty Affairs and is fed to profiles nightly. This cannot be user edited.

4. Scrolling further you’ll come to your Overview, this section is edited / created by the user:

Other information below this section may include:

a. Summary
b. Awards and Honors
c. Rotational Projects
d. Post Docs
e. webpage
f. Lab URI
g. Media Links

5. A Research section may appear next. This section will show grants and allows the addition of custom funding.

6. A Featured Content section can appear next which can include Featured Presentations, Featured Videos or Twitter:
7. The last section is “Bibliographic > selected publications.” Publications are determined by the Profiles disambiguation engine but can be amended by the user. The following tabs are provided:

- **Newest**: The most recently published.
- **Oldest**: The least recently published.
- **Most Cited**: Publications most often cited.
- **Most Discussed**: Publications with the most references from other monitored sources (Altmetric)
**Timeline:** Shows a chart of your publication totals by year:

![Timeline chart showing publication totals by year with bar graph]

**Field Summary:** Shows a chart of the publications by field:

![Field Summary chart showing distribution of publications by field with pie chart]

**Plain Text:** Shows publications in plain text format. You can select which fields to hide in the results with the checkboxes at the top:
8. On the right nav passive networks are shown. These are built by the Profiles disambiguation engine and are not user editable. Each has an Explore option we will run through below.
Concepts: Associated with a researcher's publications.
Co-Authors: Researchers who have published publications with you.
Similar People: Researchers who have publications with the same keywords as you.
Same Department: Researchers in the same department as you.
Physical Neighbors: Researchers at the same physical location.

Note: Not all your co-authors will be in this Passive Network, only those that are loaded into the UMMS Profiles.

9. Concepts: Clicking Explore under Concepts will bring you to a page where you can drill into details about Concepts derived from publications:
a. Cloud: The font size and boldness of a keyword indicates its prominence in your publications. The intensity is determined by the algorithms that consider several factors. For example, Profiles examines each publication date and gives a lower weight to the keywords associated with older publications. It is also at your order in the list of authors.
b. **Categories**: Keywords listed here are grouped according to their semantic categories. Within each category, up to ten keywords are shown in decreasing order of relevance.

   ![Category Table]

<table>
<thead>
<tr>
<th>Activities &amp; Behaviors</th>
<th>Disorders</th>
<th>Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertility</td>
<td>Mutagenesis, Insertional</td>
<td></td>
</tr>
<tr>
<td>Quality Control</td>
<td>Genetic Markers</td>
<td></td>
</tr>
<tr>
<td>Anatomy</td>
<td>Disorders of Sex Development</td>
<td></td>
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<tr>
<td>Germ Cells</td>
<td>Retinoblastoma</td>
<td></td>
</tr>
<tr>
<td>Embryo, Nonmammalian</td>
<td>Genes &amp; Molecular Sequences</td>
<td></td>
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<tr>
<td>Sex Chromosomes</td>
<td>Molecular Sequence Data</td>
<td></td>
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<tr>
<td>Spermatozoa</td>
<td>Genome, Helminth</td>
<td></td>
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<tr>
<td>Endoderm</td>
<td>Amino Acid Sequence</td>
<td></td>
</tr>
<tr>
<td>Phenomena</td>
<td>RNA Interference</td>
<td></td>
</tr>
<tr>
<td>Evolution, Molecular</td>
<td>Protein Binding</td>
<td></td>
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<tr>
<td>Proteomics</td>
<td></td>
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</tr>
</tbody>
</table>

   ![Timeline Diagram]

   **Timeline**: The timeline shows the dates (blue tick marks) of publications associated with users' top concepts. The average publication date for each concept is shown as a red circle illustrating changes in the primary topics that this researcher has written about over time.

   ![Timeline Chart]

   ![Details Diagram]

   **Details**: Concepts are listed by decreasing relevance, which is based on many factors, including how many publications the person wrote about that topic, how long ago those publications were written, and how many publications other people have written on that same topic.
10. **Co-Authors**: Clicking **Explore** under **Co-Authors** will let you drill into co-authors details:
a. **List**: Shows co-authors in a list, you can click on any of these to open their profiles.

![List view of co-authors](image)

- Bellve, Karl
- Conte, Darryl
- Corvera, Silvia
- Fazzio, Thomas
- Flotte, Terence
- Fogarty, Kevin
- Gao, Guangping
- Garber, Manuel
- Kucukural, Alper
- Lambright, David
- Lu, Shan
- Marshall, William
- Moore, Melissa
- Pazour, Gregory
- Rando, Oliver
- Richter, Joel
- Rogaev, Evgeny
- Shirayama, Masaki
- Silverman, Neal
- Weng, Zhiping
- Xie, Jun
- Zamore, Phillip

b. **Map**: Indicates co-authors geographic relationship:

![Map view of co-authors](image)

*Red markers* indicate the co-authors.
*Blue lines* connect people who have published papers together.
c. **Radial:** Radial view of the author and co-author relationships:

![Radial view diagram]

```
This radial graph shows the co-authors (inner ring) and top co-authors of co-authors (outer ring) of Craig Mello. The size of the red circle around an author's name is proportional to the number of publications that he or she has. The thickness of a line connecting two authors' names is proportional to the number of publications that they share. Options for customizing this network view are listed below the graph.
```

d. **Cluster:** Cluster shows a visual of how many publications each other has and how many they have in common in cluster view:

![Cluster view diagram]

```
This cluster graph shows the co-authors (green circles) and top co-authors of co-authors (blue circles) of Craig Mello (red circle). The size of a circle is proportional to the number of publications that author has. The thickness of a line connecting two authors' names is proportional to the number of publications that they share. Options for customizing this network view are listed below the graph.
```

e. **Timeline:** Shows the timeline of publications of the Profile and their co-authors:

![Timeline chart]

```
The timeline below shows the dates (blue tick marks) of publications Craig Mello co-authored with other people in Profiles. The average publication date for each co-author is shown as a red circle, illustrating changes in the people that Craig Mello has worked with over time.
```
f. **Details:** Co-Authors listed by decreasing relevance which is based on the number of co-publications and the years in which they were written.

11. **Similar People:** Clicking Explore under Similar People will let you drill into similar people details:
a. **List:** Shows similar people in a list, you can click on any of these to open their profiles.

![List screenshot](image)

b. **Map:** Shows how co-authors are related geographically and how they are connected:

![Map screenshot](image)

c. **Details:** Shows the similarities between similar people and the scores. There is also a **why?** link that will bring you to a Connection page which shows why the connections were made:

![Details screenshot](image)
12. **Same Department**: Clicking **Explore** under **Same Department** will show a list of other people in the same department as the profile you are viewing: