

Preparing for Non-Academic Careers



Dr. Fran Cardells

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Booming Market for PhDs

Massive demand of knowledge-intensive profiles outside academia

**WW Posted
Jobs by
Keyword**

Past Month

3,310 “Tenure
Track”

49,594 “Scientist”
30,902 “Researcher”
29,396 “PhD”
21,043 “Data Science”

Outcomes Not Guaranteed

External and internal factors impacting today's choices



Field Momentum

Advancement, Impact,
Recognition



Personal Motivators

Passion, Culture,
Needs



Career Strategy

Planning, Development,
Network

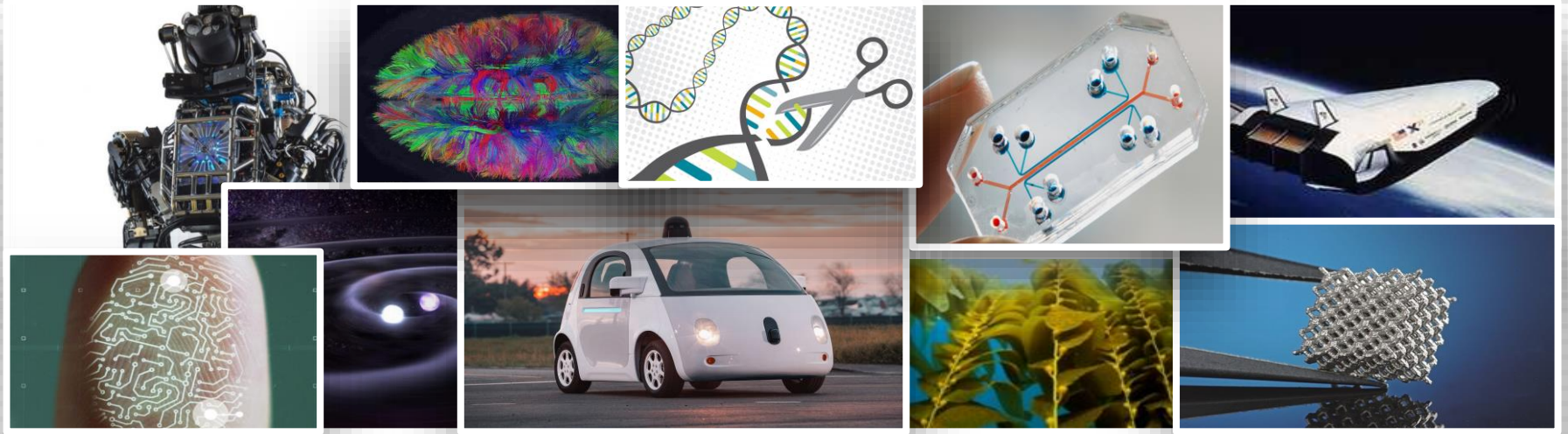
A Recipe for Success

5 Key Recommendations for Early Stage Researchers

- 1. Countdown to 2030**
- 2. Find a Mission**
- 3. Plan Ahead your Development**
- 4. Formulate your Expertise**
- 5. Make a Contribution**

1.Countdown to 2030

Track breakthroughs linked to new careers



Bio-Ethical Advisor

Chief **Genetic Diversity** Officer

Virtual Reality Controller

Man-Machine Teaming Manager

Deep-Learning Portfolio Director

Personal-Data Broker

2. Find a Mission

List as many things as you like doing

I feel happy
when...

I lose track
of time
doing...

I think,
speak, read
about...

I like doing
for others...

Brainstorming (1 min)

2. Find a Mission

3 Elements related to bringing people together

“To **be a teacher.** And to be known for inspiring **my students** to **be more than they thought they could be.**”

“We **reveal the unknown.** We drive **Earth’s understanding** for the benefit **of mankind.**”

What do you love doing?

Who would you do it for?

How would their life change as a result?

3. Plan Ahead your Development

Skills take years to master

- 1 Complex Problem Solving
- 2 Critical Thinking
- 3 Creativity
- 4 Emotional Intelligence
- 5 Entrepreneurship



4. Formulate Your Expertise

Most demanded skills take years to master

“Re-sourced substitute tissues to accelerate skin healing by 35%, with a new cell line”

What action did you take?

What was the result?

What problem did you solve?

4. Formulate Your Expertise

Most demanded skills take years to master

Your Experience Here

What action did you
take?

What was the result?

What problem did you
solve?

5. Make a Contribution

Unprecedented global challenges linked to our day-to-day actions

Our World



Peace



Prosperity



Climate

Our
Community



Equality



Employability



Environment

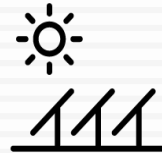
Ourselves



Wellbeing



Skills



Sustainability

Want to Learn More?

Sources:



Google

Questions?

mail+mcaa@francardells.com