University College Dublin
Careers Network

(COMP47360) MSc Computer Science (Conversion) Career Development Lectures

Lecture 1: Career Development Planning, Exploring Options and Networking

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UCD Careers Network   www.ucd.ie/careers

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Career Development Lectures 2018-19 Semester 3

| Lecture Date	Topic	Time	Venue	Lecturer
Wednesday 5th June	Introduction to Career Planning, Exploring Options and Networking	11am to 11:50am	H2.38	Edel Caraway and Leona Barry
Wednesday 19th June	Recruitment and Selection: Effective Applications	11am to 11:50am	School of Computer Science	Leona Barry and Edel Caraway
Wednesday 24th July	Effective Interview Techniques: Competency Based Interviews	11am to 11:50am	School of Computer Science	Edel Caraway
Wednesday 14th August	How to Succeed at a Technical Whiteboard	11am to 11:50am	School of Computer Science	Key Employer
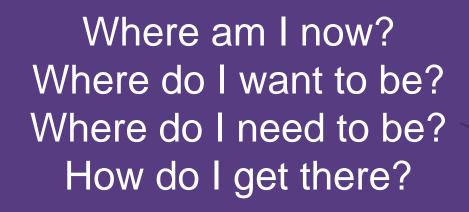
Learning Outcomes from this Lecture

- Understand Career Development/Employability models and application of these in your career development.

- Complete a Personal Swot Analysis to understand you strengths, weaknesses, opportunities and strengths in relation to your career development.

- Critically evaluate your self-awareness through excises in relation to work values and a career planning personal audit.

- Understand how to make career decisions and the resources available to you to do this effectively.
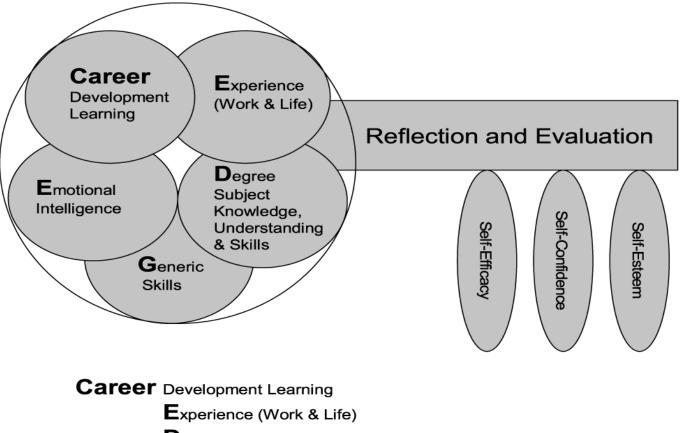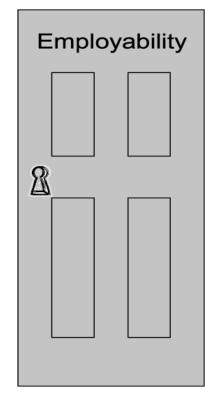
Exercise 1

- Reflect on what you wish to get from these workshops, in terms of your professional and personal development. (5 minutes)

- Share your reflections with the group and the class (5-10 minutes)

Career Development Learning
Experience (Work & Life)
Degree Subject Knowledge, Understanding & Skills
Generic Skills
Emotional Intelligence

CareerEDGE - The Key to Employability

Grounded in Theory and Practice
Source: (Career Edge, Dacre-Pool and Sewell, 2007)

Know Yourself

Explore Opportunities

Career Planning

Take Action

Based on the **DOTS model** by Law, B. and Watts, A.G. (1977)

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1. Know Yourself

Self Awareness: Know Yourself

1. Know Yourself

Values - What's important to me?
Social Good/Work-life balance/meaningful work/cure for disease/contribution to research

Interests - What do I like doing?
Education/research/business/entrepreneur/environment/green energy/work abroad

Personality - What suits me?
Out-going/challenge/teamwork/work on your own/attention to detail/lead

Skills - What do I do well?
Excel/IT/communication/problem solving/documentation

Exercise 2
Personal SWOT
Analysis
(10 Minutes)

Exercise 2: Where are you now: Personal SWOT Analysis

- **Strengths –** what you have to offer

- **Weaknesses -** potential areas for personal development

- **Opportunities in your career field** - in the external environment that you could take advantage of

- **Threats in your career field** - in the external environment - outside your control, to take into account when planning

Reflect on the exercise and then feedback to group and class

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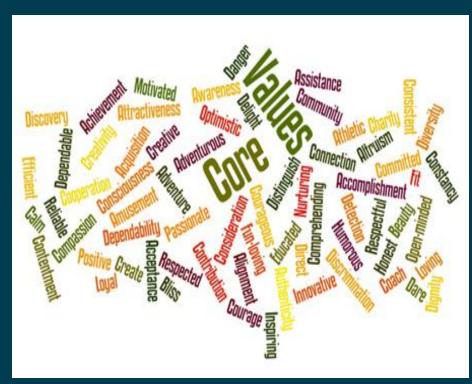
Self-Awareness - The Iceberg Model

Work Values

Work Values:
- Beliefs and ideas that are important to you in relation to your work/career
- Values can be intrinsic or extrinsic
    - "I want to help people"
    - "I want to make a lot of money"
- Individual Vs. organisational values

Examples of Work Values:
- Challenge
- Status
- Financial reward
- Work/life balance
- Autonomy
- Fun
- Structure
- Advancement
- Contributing to social good

Work Values – Potential Conflicts

Potential Conflicts!

• Economic Reward Vs Work/Life Balance?

• Social Good Vs. Working Conditions?

• Job Security Vs. Risk Taking?

• Economic Reward Vs Social Good?

What do you think would be the values, preferences and personality traits associated with the next two people?

Know Yourself – Values Exercise

5 mins – Yourself

2 minutes – Yourself the person beside you

Feedback by table

Personality

- Your preferences and styles in how you interact with the environment and with others.

- *Will you fit into the team/ programme?*

- *Will you be able to work successfully with your colleagues?*

Psychometric Tests

Profiling for Success (Type Dynamic Indicator)
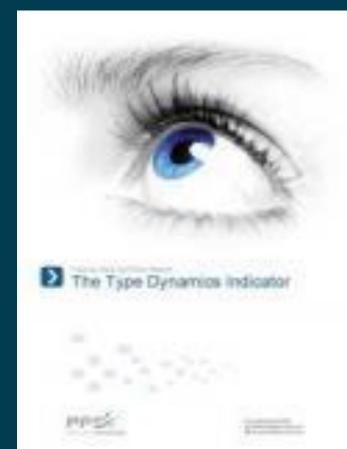
Based on Myers Briggs

www.ucd.ie/careers

Prospects Planner

www.prospects.ac.uk

Profiling for Success Type Dynamic Indicator (TDI)

Profiling for Success

www.ucd.ie/careers

The Type Dynamics Indicator

Profiling for Success - Inventories

- **Value Based Indicator of Motivation** – What motivates me?

- **Career Interest Inventory** – How can I find a career that matches my interests?

- **Type Dynamic Indicator** – What is my personality type, my work style? What can I bring to the organisations?

- **Emotional Intelligence:** - How do I interact effectively with people?

- **Reasoning Skills** – What am I good at?

- **Learning Style Indicator** – How do I learn most effectively?

Access Codes: Profiling for Success

Client Code: tflhe

Access Code: ucd

Password: ucd4

Based on the **DOTS model** by Law, B. and Watts, A.G. (1977)

Explore Opportunities

- What are graduates from your Masters doing?
- Jobs directly related to your qualification
- Jobs in other sectors/areas
- Company information
- Internships & volunteering
- Further study
- Ireland vs abroad Europe/USA/Australia

Where have the grads from your programme gone?

MSc Computer Science (Conversion)

Job Titles:

Software Engineer

Software Developer

IT Consultant

Java Developer

Programmer

Networks Administrator

Product Quality Analyst

Technology Analyst

IT Support Technician

Data Curator

Business Intelligence Consultant

IT Application Specialist

Teacher

Team Lead Data Analyst

Companies:

IBM	SAP	Allied Irish Banks
Tableau Software	General Motors	Amazon
Guidewire	FRS Limited	Arista Networks
Google	Dublin Airport Authority	PwC
Accenture	Fidelity Investments	Workday
Innovate	Department of Education and Skills	
Huawei	RTE	
Ericsson	*Irish* Times	
Matheson Ormsby Prentice	Skupe Net	
Realex Payments	irish Water	
Economic and Social Research Institute (ERSI)	Tableau Software (4)	
Railway Procurement Agency	Version 1	

Job Searching Research Methods

- **UCD Careers Network** – Library & Website **www.ucd.ie/careers**

- **Careers Websites** - GradIreland, Prospects, Glassdoor, Indeed, Irish Jobs, CPL and company websites

- **Careers Fairs** (GradIreland today)

- **Your Contacts** – Lecturers, Fellow Students, Graduates, Friends

- **Social Media** – LinkedIn is excellent!

PROSPECTS

Jobs and work experience   Postgraduate study   Careers advice   Applying for university

Log in   Register

‹ What can I do with my degree?

Computer science

AGCAS editors   📅 February, 2016

On this page

- Job options
- Work experience
- Typical employers
- Skills for your CV
- Further study
- What do computer science/IT graduates do?

From games developer to manager of IT and communications services, computer science graduates have a range of opportunities open to them

Job options

Jobs directly related to your degree include:

- Application analyst

Example of a good resource www.prospects.ac.uk

Job options

Jobs directly related to your degree include:

- Application analyst
- Business analyst
- Data analyst
- Database administrator
- Games developer
- Information systems manager
- IT consultant
- Multimedia programmer
- SEO specialist
- Systems analyst
- Systems developer
- UX analyst
- Web designer
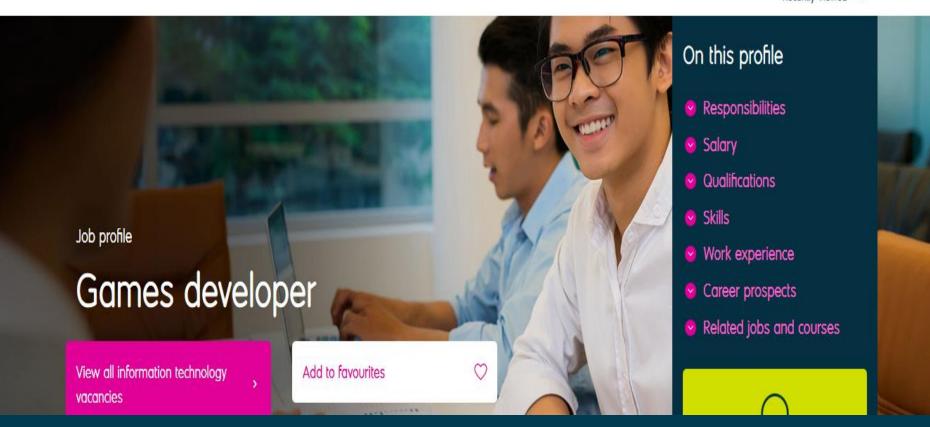- Web developer

Jobs where your degree would be useful include:

- Digital copywriter
- IT sales professional
- IT trainer
- Network engineer
- PPC specialist
- Product manager

www.prospects.ac.uk Job Options in Computer Science
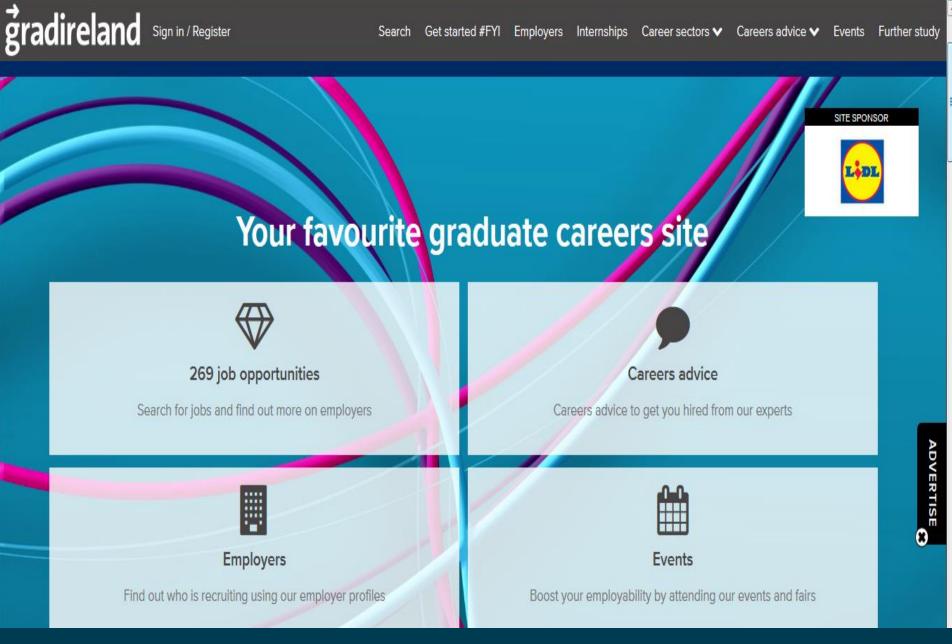
Search for roles that you are interested in.
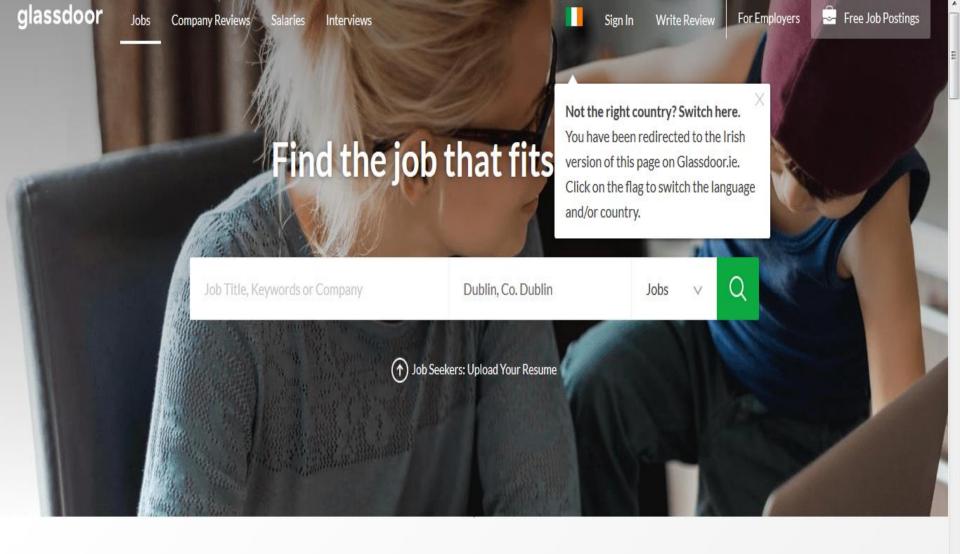
Gradireland…..Summer Careers Fair Today!

gradireland Sign in / Register

Search   Get started #FYI   Employers   Internships   Career sectors ∨   Careers advice ∨   Events   Further study

Accountancy and financial management	Engineering	Law, legal services and patents	Medical and healthcare
Agriculture, animal and plant resources	Environment and natural resources	Library and information services	Performing and creative arts
Banking, insurance and financial services	Fund management, administration and investment banking	Logistics and transport	Property
Charities and voluntary sector	Hospitality, sport, leisure and tourism	Management consulting	Public sector and civil service
Construction, civil engineering and QS	Human resources, recruitment and training	Management, business and administration	Retail, sales and customer services
Emergency services and armed forces	IT and telecoms	Manufacturing and processing	Science, research and development
	Languages and culture	Marketing, advertising and PR	Social, community and youth
			Teaching and education

https://gradireland.com/career-sectors

Gradireland – search by job sector

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Glassdoor – Tell you more about companies you would like to work for

UCD Careers Network now! Search Current Vacancies.

Networking for Success
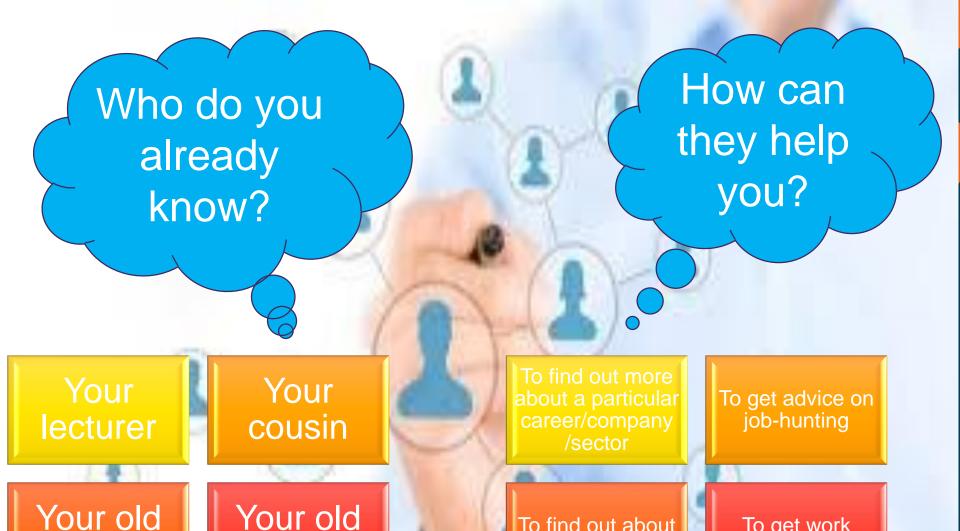
Networking helps you to……

✓Find collaborators

✓Keep up to date on what is going in in your sector

✓Support and guidance from peers

✓Access the hidden job market

✓Demonstrate PASSION for your area of interest

Networking helps you to….

The Hidden Job Market

Prepare

Identify someone of interest- via LinkedIn, shared groups, at events, through a friend or colleague

Do some research on the individual as well as company/industry etc.

Find common ground

Prepare a sensible list of questions

Dress for success and be professional

Network Mapping Exercise

Think of five people you know who might be able to help you with your job search. Complete the network grid for each person.

	Who do I know?	What is my relationship to them?	What do they do?	How might they be able to help me?	How can I make contact with them?
1					
2					
3					
4					
5					

Networking Tips

- Present yourself professionally

- Introduce yourself and ask questions

- Remember that it's a mutually beneficial process

- Concentrate on developing a relationship

- Read body language…

Informational Interviews

Informational Interviews

"An interview conducted to collect information about a job, career field, industry or company"

A few more websites...

www.onetonline.org

www.careerplayer.com

http:www.sfi.ie

http://sciencecareers.sciencemag.org/

www.idaireland.com/business-in-ireland/

www.targetjobs.co.uk

http://ie.kompass.com/

Employability Transferrable Skills

Employers - Top 10 Transferable Skills

- Proficiency in discipline

- Technical innovation

- Adaptability to a range of work environments

- Ability to solve problems

- Team Work

- Leadership ability

- Attention to detail

- Good Communication Skills

- Enthusiasm

- Eagerness for new challenges and experiences

Know Yourself → Explore Opportunities → Career Planning → Take Action (cyclical diagram)

Based on the **DOTS model** by Law, B. and Watts, A.G. (1977)

Aspire & Plan

- Meet with a Career Development Adviser

- Set goals

- Make an action plan - break it down into manageable steps

- Review and revise as necessary

Action Planning

- Break the overall goal down into manageable objectives and tasks (short term, medium and long term)

- Ensure your targets are SMARTE (Specific, Measurable, Achievable, Relevant, Time Bound and Evidence based)

- Write them down / tell somebody

- Identify help and support

- Be prepared to revise these goals if things change
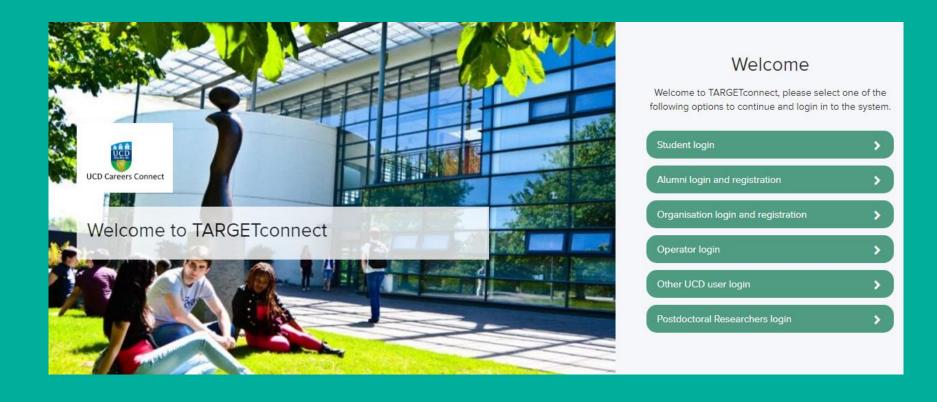
How will you stand out from the crowd?

Exercise 4
Career Goals
Worksheet
(10 Minutes)

How do you access UCD Careers Network Services?

www.ucd.ie/careers

www.ucd.ie/careers

Vacancies Portal
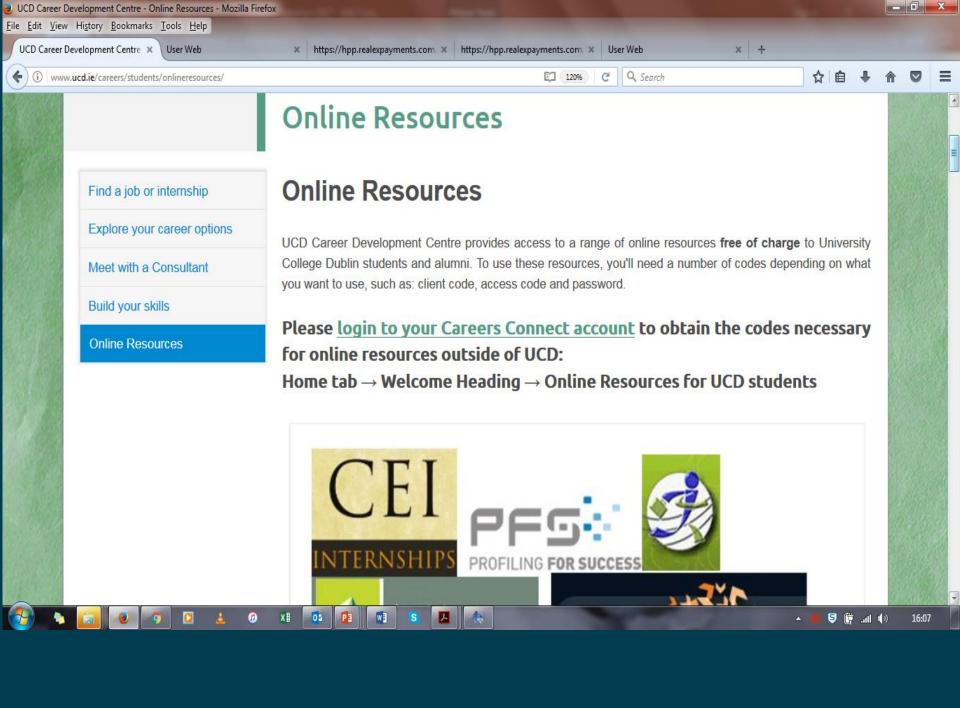
- Gradate Jobs
- Internships

Events Portal

- CV and Interview Skills Seminars
- Skills Workshops
- Employer Presentations

Jobs Portal
(www.ucd.ie/careers)

Effective CVs

Effective CVs (career changers /mature students)

LinkedIn for students & graduates

Succeeding at interview

Networking & job Search

Internships & the professional working environment

Events Portal
(www.ucd.ie/careers)

Online Resources

Find a job or internship

Explore your career options

Meet with a Consultant

Build your skills

Online Resources

Online Resources

UCD Career Development Centre provides access to a range of online resources **free of charge** to University College Dublin students and alumni. To use these resources, you'll need a number of codes depending on what you want to use, such as: client code, access code and password.

Please login to your Careers Connect account to obtain the codes necessary for online resources outside of UCD:

Home tab → Welcome Heading → Online Resources for UCD students

CEI
INTERNSHIPS

PFS

PROFILING FOR SUCCESS

Quick Query Appointments: One-to-One

"Quick Query" Meetings

20 minute individual appointment

Book online – from 8am on the day you want an appointment

High demand in semester

Come prepared- printed cv/cover letter/job description etc.

One to One Meetings
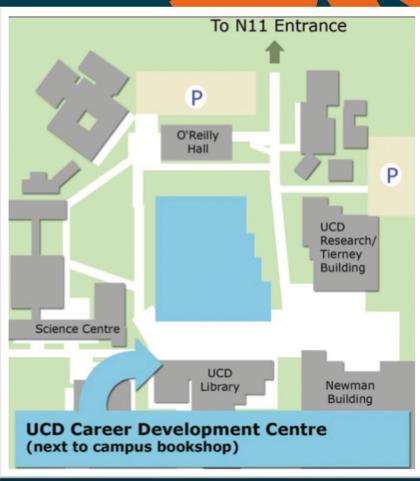
Quick Query - 20 minute sessions

Discuss:

- Discovering Career Interests

- Goals – Career Action Planning

- Advice on Obtaining an Internship

- CV Development and Review

- Interview Strategy

Career Development Centre: Location

To N11 Entrance

P

O'Reilly Hall

UCD Research/ Tierney Building

P

Science Centre

UCD Library

Newman Building

UCD Career Development Centre
(next to campus bookshop)

Personal Audit Exercise 5

It's My Journey through life: Am I in the Driving Seat?

Adapted from: "The Windmills Programme", Dr. Peter Hawkins, Liverpool University and "Personal, Academic & Career Development in Higher Education, SOARing to Success" by Arti Kumar.