

# Chemistry in Computer Science: (CHiCS)

## A Cross-Institutional Collaboration

Dr Linnea Soler and Dr Smita Odedra

### OUR NIGHTMARE-

#### Determination of Degree Results

- Time-consuming & cumbersome process
- Different degree requirements
  - E.g Course weightings
- Data collation of several years
- Good Cause & Discretionary Zone
- MyCampus interface (Import & Export)
- Complicated Spreadsheets
- Stressful and traumatic experience



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## OUR DREAM-

A database for preparation & publication of Degree Results

- Flexible
- Modifiable
- Interactive
- Secure
- Easy to Use
- Compliant with MyCampus (Import & Export)
- Transferable (Cross-Institutional applicability)



# The Power of Computer Science Software Teams Project:

- Two teams of students tasked with same objectives
- Creativity in problem solving process leads to different outputs

## Team Hydrogen:

Actions	EMPLID	Academic Plan	Given Names	Surname	Final Degree GPA (1-4 p)	Initial Award	Overridden Award
> ✎	2234567	F101-2207	Frye	Aiden	14.4	TBC	TBC
> ✎	2245678	F101-2207	Jonathan	Buckfast	15.4	OU	OU
> ✎	2223490	F101-2207	Mat	Dogg	14.3	OL	OL
> ✎	2398768	F101-2207	Arthur	Morgan	11.5	TBC	TBC
> ✎	2434781	F101-2207	Indyweaver	Laura Rose	13.0	PL	PL

## CHiCS

Chemistry in Computer Science Group

**Dr Linnea Soler and Dr Smita Odedra**

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@DrLinneaSoler



## Team Miracle:

First Name	Surname	Degree	Level	GUID	Entry Year
Enrolson	Hugh	CHEM-4H	Third	7654321	2016
John	Elliott	CHEM-4H	Fourth	1234567	2015
Huowen	Li	CHEM-4H	Fifth	6712453	2014

## CS TEAMS Projects: Dr Tim Storer

### Team Hydrogen:

- Kevin Lynch
- Raghad Abdul Rab
- Mihnea Maldaianu
- Aiden Meikle
- Mohammed Usman Majid

### Team Miracle:

- Nikol Genkovska
- Hakan Erkol
- Haowen Li
- Shengxian Liu
- Kieran Swedlund