IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

CRS ID	Surname	Forename	College	Reference	Title
ia273	Akram	Ismail	EM	A-RJM76-1	Design of Tidal Turbines
mda39	Allan	Michael	F	A-SH372-2	Raspberry Pi for Data Acquisition
ha303	Allapitchai	Hameed	DOW	B-ZS244-2	Graphene ultrafast waveguide lasers
nma28	Allard	Neil	M	A-HB-2	Aerodynamics of road haulage vehicles
pna21	Arran	Patrick	JN	B-AJF-4	Nano Ultrasound
fa292	Atkins	Fraser	CHU	C-DDS11-type(b)	Design
ma490	Austin	Mark	SID	D-CJB-8	Repair Strategy for Hammersmith Flyover
pca30	Ayache	Philippe	SID	D-HJC34-4	Eco-House Project: Water and Sanitation Infrastructure
vb290	Balachandran	Vaishnavi	SE	D-GTP23-2	Impacts of Climate Modelling on Regional Water Infrastructure Management
dcb44	Balding	Daniel	CTH	D-MJD97-9	Experimental Seismic Testing of Hypar Shells
db512	Barton	David	SE	B-TJF-2	Magnetic gearbox
ab844	Batishcheva	Alex	PEM	F-KG-2	Motion Control of the McLaren F1 Simulator
tb404	Beaumont	Tom	SE	B-TJF-4	DIY wind turbines for developing countries
cdb32	Bennett	Chris	Q	B-PAR10-2	Fuel flow sensor for small petrol engine test rig
umb22	Bhatti	Usman	DOW	A-LPX1-3	Low Order Unsteady Flow Model for Turbomachinery
sb749	Bhumbra	Shub	JN	F-DW304-2	The neuroscience of movement control: perception of the sensory consequences of action
rb561	Bhusal	Ratna	HO	D-KAS14-9	Twist my thin-walled disks
jb690	Blood	James	CAI	C-HEMH-1	Measuring tower sway during bell ringing - and other bell-ringing stuff
ib300	Boanas Evans	Isabel	MUR	A-GP10006-3	Turbine blade design for high bypass ratio engines
lb459	Bortolotti	Luca	JN	F-MCS-2	Vehicle dynamics of sportscars with McLaren Automotive
pb469	Boucher	Peter	HO	D-CJB-6	Strength Retention of Aramid Fibres
rdb37	Brackston	Rowan	JE	A-RJM76-3	Unsteady propulsion
cpb53	Bridge	Chris	PEM	F-AHG-1	Medical imaging and 3D computer graphics - registration of the human femur
vb289	Brown	Tory	MUR	A-JPL-4	Effect of non-uniform compressor recirculation bleed
jb697	Brown	Jonathan	K	A-LPX1-4	transonic fan aerodynamic design
jeb90	Buckley	James	F	B-PAR10-type(b)	Laser-based local reference positioning & tracking system for dynamic positioning of an AUV.
ob254	Budd	Oliver	PEM	D-FAM-6	Design and Construction of Timber Bridges in the UK
ab832	Butcher	Annabel	G	C-MLO29-type(b)	Fracture of Soft Tissue Mimics
ipgc2	Cameron	Iain	HO	D-MSPG1-3	Visualisation of failure of shallow foundations following earthquake induced liquefaction
cc590	Cavanagh	Chris	CL	D-MO318-1	Transparent Structures
dykc3	Chan	Deryck	M	D-MJD97-1	3D Printing of Structural Scale Models
ccc45	Chan	Jeff	F	D-CJB-1	Collapse of cantilever staircases

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

kc388	Changela	Krishan	M	C-JAW-5	Abrasive wear of disc brakes
zxc21	Chen	Zi	HH	B-AJF-3	Film Bulk Acoustic Resonator Biosensors
rc500	Chen	Rujian	CTH	F-NGK-5	Integration of UAV navigation with a 3D spatial model to demonstrate environment recognition and path planning
dcc40	Cheuk	David	CHU	D-KS-5	The loads and design methods for timber squareworks in underground construction
cc591	Chia	Charmaine	SID	B-ACF26-4	Graphene Photodetectors
ac667	Chirou	Andreas	ED	F-OP205-1	Applying Bayesian methods to measuring system security
ipc21	Chisholm	Ian	JE	A-GP10006-2	Visualising compressor stall
sc634	Chng Shing Ji	Shaun	W	B-TJF-2	Magnetic gearbox
zhc22	Choo	Zhi	HO	A-AA406-3	Acoustic detection of water leaks
pc413	Chung	Paraic	PEM	F-JMG77-1	Day-trading: modeling and predicting short term stock prices
afc33	Clements	Anna	G	C-HRS-4	Sustainability-led Design of Sandwich Panels
tc359	Corker	Tom	M	B-PAR10-2	Fuel flow sensor for small petrol engine test rig
dc486	Cox	David	PEM		
zxd20	Deng	Zhe Xi	PEM	A-JCM91-1	Future Urban Transport Systems
ad540	Dent	Tony	K	A-JPL-1	Compressor Exit Diffuser with Splitters
rd394	Dhillon	Raj	F	A-EM257-2	Fluid flow inside a low-NOx combustor
nd318	Doyle	Niamh	CHU	D-PMG31-1	Application of Sustainable Development principles to major projects
sod20	Duke	Sam	CHR	F-OP205-1	Applying Bayesian methods to measuring system security
tae25	Earwaker	Tom	CHU	C-RSL21-2	Dynamics of cables for marine renewable energy
re277	Earwaker	Rob	G	A-GP10006-3	Turbine blade design for high bypass ratio engines
le257	Efthymiou	Loizos	CHU	B-RAM1-4	Renewable generation from wind
aae24	Ersoz	Ali	JN	A-MPJ1001-1	Injector dynamics (2 students)
re276	Evans	Rhys	G		
jrme2	Eyton	James	TH	A-SAS37-1	Solar Desalination
mf420	Fallows	Mike	PEM	D-MHR29-3	Eco-House Initiative
jaf68	Fleet	Jack	CAI	A-AJW36-1	Energy Storage
xg221	Gao	Xin	LC	C-JW12-2	Measuring the vibration of a violin body
jgg33	Gateshill	Joey	PEM	B-TH270-2	Application of CVD graphene in transparent photodetectors
akg43	Gibson	Alexander	T	C-JPJ1001-1	Conceptual Design of a Greener Airliner
jhg30	Gill	Jerell	F	A-RC488-type(b)	Mould growth and Moisture Damage in Low Cost Housing
ag597	Goodenough	Alex	T	F-NGK-type(b)	Generative algorithms for shape and texture.
jfrg2	Goodwill	Josh	M	A-LPX1-1	An Intra Aortic Pump
jg555	Goodwin	James	R	A-WRG-3	Aerodynamic roof equipment for cars
hg304	Gopalan	Hary	CHR	D-AA22-3	Bored piles with expansive concrete

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

dgg26	Goudie	Duncan	PET	F-SSS40-2	Reinforcemt Learning for Games
djcg2	Green	Daniel	EM	D-MJD97-type(b)	Structural form finding using particle-spring systems and rigid bodies
ag611	Greig	Adam	SE	F-JMG77-type(b)	Investigating Bacterial Colony Pattern Forming
mg547	Gupta	Mukund	CHU	A-EM257-1	Flame propagation in sprays
ceh69	Hall	Clare	PEM	D-FC286-1	Resonant Structures for Flapping Wing Micro Air Vehicles
dh409	Hansla	Dinesh	CHR	A-RSC10-3	Computer modelling of offshore explosions
adhh2	Harris	Anthony	DOW	A-GTP-4	Heavy Water as a Thorium Breeder Reactor Coolant
dwh38	Harrison	David	T	C-DJC13-type(b)	Dynamics of Bobsleighs
tejh3	Harrison	Tom	JN	D-MHR29-5	Engineered Structural Bamboo - new directions for natural materials
ah600	Harrison	Anna	T	A-JMA42-type(b)	The physical reality of The Stern Review
ceh70	Harvey	Charlotte	T	C-HRS-1	Novel property charts for fibre-based materials
sah86	Hason	Syed	Q	C-JW12-4	A test procedure for automotive damping materials
ah588	Hautenne Hanson	Alex	DOW	A-WRG-1	Motor vehicle drag
wjh35	Hawkins	Will	CHU	D-CJB-3	Prestressed ceramic beams
rh457	Hawton	Rebecca	CAI	D-MHR29-2	Earth construction and material efficiency
eh394	Hazla	Ewa	N	D-SKH20-type(b)	Press-in piling in hard ground
thh25	Hellier	Thomas	G	C-HRS-5	Solid-state deformation processing of aluminium scrap
msh49	Hennayake	Malithi	N	D-GTP23-type(b)	Decentralized Water Supply Systems
nh366	Hill	Tasha	SE	A-GTP-6	Pressurized Water Reactor In-Core Nuclear Fuel Management By Tabu Search
tch38	Hodgson	Thomas	JE	D-MHR29-6	Super-tall timber high-rise design
ah559	Howard	Alexander	K	C-GJM31-1	Blast and impact resistant composites
th360	Howe	Tom	JN	F-NGK-4	Programming a swarm of UAVs to navigate a maze autonomously
pah58	Hoyes	Peter	JE	F-SJG-4	Automated editing for the Music Industry
yh302	Hu	Jimmy	G	D-RC488-type(b)	Analysis of Ventilation Strategy and Energy Use in Supermarkets
rh463	Hughes	Rob	EM	F-JL-6	Skeleton tracking using the Kinect
iyh21	Hur	In Young	CHU	A-IJD-type(b)	Compressor Instabilities
gi216	Illingworth	George	Q	C-GJM31-type(b)	Contemporary Redesign of the Mathematical Bridge
vi207	Ioannou	Vasilis	R	A-RSC10-1	Modelling of pulsed combustors
aai23	Islam	Ali	M		
gj248	Jackson	Gareth	SE		
ysj21	Jayasinghe	Yashod	T	A-RJM76-2	Pushing the temperature limits of gas turbine
yj249	Jinlei	Jin	HO	A-LPX1-2	High Expansion Ratio Radial Inflow Turbine for Organic Rankine Cycles
ak650	Karmazyn	Alex	JN	F-NGK-6	Using a UAV to build a model of a complex 3D environment
ak647	Kasis	Andreas	R	F-JMG77-2	Modelling Huntington's disease development in patients
ck384	Kelly	Chris	CHU	A-AMB233-type(b)	Develop a callibration and strategy for controlling a formula student engine
ak651	Kereki	Andrea	NH	A-RJM76-3	Unsteady propulsion

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

sk621	Kerr	Stephen	CC	D-SDG-1	Inflateable structures for the deorbiting of satellites
bk304	Kim	Boram	M	D-HJC34-2	Sustainability Accounting of Engineering Activities of NGOs
hjk38	King	Haydn	JE	F-JMG77-type(b)	A Systematic Approach to Promoter Discovery for Automated Parts Registry Compilation
sk616	Kinnersley	Steve	CHU	D-CTM1-type(b)	To be confirmed
bk305	Kirby	Ben	EM	B-AAS41-1	Electroacoustic Biosensors
pstk2	Kwok	Tina	NH	D-AA22-4	Sustainable concrete
cjml2	Lai	Cameron	F	B-IHW3-2	RFID DAS over cat-5
myl30	Lam	Amos	G	D-PMG31-1	Application of Sustainable Development principles to major projects
il238	Lam	Ivan	DOW	D-KS-3	Strength of geomaterials with high water contents
tltl2	Law	Thomas	EM	B-RAM1-1	Design of an audio amplifier
jjhl2	Lee	Jeffrey	W	B-AN299-6	NANOCRYSTALLINE SILICON ON PLASTIC
sel48	Lee	Sarah	MUR	D-SKH20-1	Uplift of Offshore Pipelines
bl304	Lefroy	Benjamin	Q	C-DC-3	Semi-active air spring
cl460	Leung	Chris	T	A-JPL-3	Compressor blade root leakage flow
kl368	Li	Keren	M	B-AN299-4	GROWTH AND APPLICATIONS OF NANOSTRUCTURED ZnO
ml529	Li	Menglun	F	F-ZG201-1	Machine Learning for Recommender Systems
hl368	Li	Hao	Q	D-MO318-2	Smart Skins
jl593	Li	Jennifer	CAI	D-MO318-1	Transparent Structures
xl293	Li	Sharon	M	F-WJF-2	Wisdom of crowds
jl585	Li	Jing	HO		
sjbl2	Lim	Si	Q	F-SJG-2	Bayesian Particle Filtering for Prediction of Financial Time Series
jl597	Lin	Jingran	EM	F-WJF-7	Exploring modern Bayesian statistical methods for improved video encoding
yl401	Liu	Catherine	G	D-MSPG1-6	Experimental model for heat flow between foundations and buildings
yl400	Lu	Yang	CHR	C-GTP-type(b)	Efficiency maximisation of concentrated PV systems
cfjm2	Macgilchrist	Charles	JE	B-RAM1-type(b)	Battery technology and Management System for CUER motorcycle 2013
egm26	Mackenzie	Edward	M	B-NHMC1-2	Image Processing in a Multiprocessor World
om250	Malik	Osman	T	B-AJF-1	Zinc Nitride Thin Film Transistors for Plastic Electronics
om249	Malikkides	Onoufrios	R	B-AN299-type(b)	Interactive Displays
pm438	Mallaband	Paul	EM	C-AJK61-2	Design of a microfluidic switch
dm510	Manca	Daniel	F	C-DC135-1	Growth of bulk YBCO(Y2O3
phdm2	McGibbon	Herry	HO		
am905	Melzer	Andrew	SID	A-GP10006-2	Visualising compressor stall
pjm206	Mildon	Peter	Q	C-GJM31-type(b)	Crash and Impact Simulation of a Light Weight Carbon Fibre Vehicle
bsm27	Miller	Ben	G	B-AN299-5	CMOS DNA MICROARRAYS
rm567	Mochrie	Richard	JN	C-JPJ1001-2	Conceptual Design of an Electric Aircraft

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

mhm32	Modarres	Hadi	F	B-ACF26-5	Graphene and nanotube based transparent and conductive electrodes
tm402	Mottram	Tom	CAI	F-SSS40-1	Statistical analysis of Games
jdm73	Munro	Jamie	CHU	D-MSPG1-1	Offshore wind farm foundations
gn235	Nash	George	CTH	F-JL-1	Development of a sensor system for use in monitoring recovery in athletes
cn320	Nash	Chris	EM	C-DJC13-2	Motion cueing in an F1 driving simulator - McLaren Racing
ten23	Neat	Tom	SID	C-PJC10-2	Investigation of the merits of single and multi-level control of manufacturing production lines
jn291	Newman	Jack	CAI	F-SJG-1	Modelling and processing of multi-channel audio signals
rn296	Ninan Panicker	Ray	ED		
wn218	Noble	Will	DOW	C-RSL21-1	Automotive panel design to reduce interior noise levels (JLR)
gcjo2	Ong	Geoffrey	CHU	D-AA22-6	Can tomatoes save the world?
mp553	Pain	Mike	CAI	A-NRA27-1	Turbomachinery Heat Transfer
cp425	Pantelides	Constantinos	T	A-WRG-2	Model yacht sail performance
pp322	Papastavrou	Panayiotis	ED	D-FAM-1	Structural Design Methods for the Maritime Environment
tgp24	Partington	Tom	DOW	D-FAM-3	Eco-House
cip22	Pavlou	Chris	JE	A-JKH28-1	The effect of the proximity of a body on vortex breakdown (2 students)
sp558	Pendrigh	Stephen	Q	D-MJD97-2	Masonry Fan Vaults
tep28	Perman	Tom	EM	B-AN299-2	Mobile Energy
ap615	Perros	Natasia	JE	D-PBH24-type(b)	Investigating requirements for a mobile factory producing housing components in developing countries
npslp2	Phoolchund	Nikki	MUR	C-PJC10-1	Multi-method simulation approach to the design of a re-configurable production flow system
np353	Prasad	Niranjani	CHR	F-OP205-1	Applying Bayesian methods to measuring system security
kmp41	Preston	Kellie	G	C-AJK61-type(b)	Building and Characterising a Transcriptional Amplifier
rtp23	Price	Rupert	R	D-RJM50-1	BREEAM and Sustainable Concrete Construction
sp561	Probyn	Sander	G		
rp407	Pronin	Roman	R	F-JMM-1	Engineering asset condition monitoring
mp550	Pryn	Matthew	CHR	B-DPC31-1	Image display on bi-stable reflective display with zero power maintenance
ejp60	Pusceddu	Elian	K	A-JBY-1	Ultimate combined-cycle efficiency - steam turbine cycle
scq20	Qi	Harley	T	A-JRD37-type(b)	Experimental studies of vortex precession
aq210	Quanstrom	Alexander	CHU	F-GMT11-1	Bone surface estimation for hip fracture analysis
nq206	Quinn	Niall	HO	F-SSS40-3	Fitting models to Financial time series
twgr2	Rainforth	Thomas	CHU	C-AAS41-4	MEMS Gyroscopes
hr290	Raisinghani	Harshil	R	D-RJL1-1	Sustainable groundwater pollution clean-up
ajr91	Redman-White	Aneurin	SID	C-CYB-1	Polymer behaviour macro-models

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

er345	Richards	Ella	G	A-WND-type(b)	CFD and Finite Element development of a Marine Renewable Device that extracts energy from waves
mr499	Roberts	Mark	CHR	B-RAM1-1	Design of an audio amplifier
mprr3	Robinson	Mark	PEM	F-WJF-12	Home object classification
ajr92	Robinson	Alexander	Q	C-GTP-type(b)	Suspension and steering system design optimisation for the nextgeneration CUER vehicle
gmr34	Rogers	George	T	D-CTM1-type(b)	A Canal Lock For The Future
sr527	Rogers	Steven	G	A-NRA27-2	Visualisation of F1 wing vortices
adtr2	Ronaldson	Alexander	SID	D-HJC34-1	Vernacular Architecture and Appropriate Design of Infrastructure in Afghanistan
fr271	Ronay	Franz	JN	B-RAM1-3	High Voltage DC transmission
dmr46	Rosen	Daniel	R	C-NHMC1-1	Software Test Suite for the Cambridge Advanced Modeller
js833	Salter	Jamie	CTH	C-MDB54-1	A dynamic seat for a 'radical' child's wheelchair (ALFIE) - one seat
fws20	Sampson	Felix	CTH	A-JKH28-1	The effect of the proximity of a body on vortex breakdown (2 students)
hs448	Savell	Harry	SID	C-GJM31-2	Blast and impact resistant composites
las63	Scott	Luke	PEM	A-AA406-1	Aerodynamic whistles
is318	Scott	Iain	JN	F-NGK-3	Development of view-invariant object recognition and classification techniques.
ds534	Selby	David	M	C-JAW-3	Rolling friction in micro-machines
sl534	Senthilgiri	Lathoorshan	PEM	F-CIPOLLA-2	Building a simple iPad app
ps519	Shaynoga	Pavel	Q	B-TDW-2	SMS based fish feeder
ns475	Shea	Nina	NH	D-GTP23-2	Impacts of Climate Modelling on Regional Water Infrastructure Management
qs210	Shi	Qian	JE	C-GTP-2	Static Equilibrium of N-Dimensional Rigid Bodies
ks551	Shiarli	Shiarli	ED	F-ZG201-3	Audio texture synthesis for medicine and virtual environments
ks476	Shiomitsu	Kazuto	F	C-RSL21-4	Vibration of aircraft and space-launch vehicles: aero-vibo-acoustics
ls501	Sideris	Loukis	ED	C-DJC13-4	Vehicle stability control system - Jaguar Land Rover
rs596	Sills	Robert	TH	A-HB-1	Aerodynamics of Speed Skiing
mcs68	Simpson	Michael	JE	A-MPJ1001-1	Injector dynamics (2 students)
ms882	Smith	Matthew	JE	D-AMM24-type(b)	Sustainable stabilisation techniques for compressed earth blocks
ams231	Smyth	Andrew	SID	D-SDG-1	Inflateable structures for the deorbiting of satellites
js829	Sole	Jonathan	CL	D-MO318-1	Transparent Structures
js843	Sowman	Jon	SE	F-JMM-type(b)	Ricardo - Temperature Control of an HEV Battery Pack
ms891	Spasic	Mina	T		
bs424	Srigengan	Brajith	Q	C-AM253-1	Characterisation of protein-coated ferritic stainless steel fibre networks as an in vitro model of acute inflammatory responses to implantation
airs2	Standley	Andrew	CHU	C-AJK61-1	Modelling wound healing and cancer metastasis.
rgs36	Stephens	Richard	K	A-HB-type(b)	Solar car aerodynamics
svs26	Stott	Susannah	PEM	D-KAS14-8	Twist my thin-walled tubes

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

syyt2	Tan	Selina	JN	D-DL359-1	Computer modelling of tsunami wave propagations
grt26	Tapsfield	Gavin	CC	C-JPJ1001-1	Conceptual Design of a Greener Airliner
bt286	Tay	Benjamin	HH	B-TJF-5	Inductor biasing for high-efficiency power supplies
pht28	Taylor	Peter	CC	C-HRS-2	Modelling of friction-based joining processes
at524	Tebboth	Andrew	DOW	C-JAW-1	Peeling flexible joints
phst2	Tedbury	Piran	DOW	A-AA406-4	Acoustic liners
at528	Thewsey	Alex	CL	F-JMM-type(b)	State-of-Charge Modelling for Hybrid Electric Vehicle Batteries
yjjt2	Thia	Yew	W	F-JMG77-3	Distributed Kalman filtering
ampt3	Tombs	Arthur	Q	F-AHG-2	Mars Lander - rigid body dynamics and control
rt347	Totten	Richard	T	D-PMG31-1	Application of Sustainable Development principles to major projects
rt350	Tsao	Becky	PET	F-DW304-1	The neuroscience of movement control: improving movement skills through recent motion
wat30	Turner	Will	DOW	C-GTP-1	The Effect of the Drag Reduction System on the F1 Racing Spectacle
dwt27	Turner	David	K	B-TDW-4	The holographic clock
pst29	Tzokova	Petia	EM	D-FAM-5	Transitional Shelter
cu214	Underdown	Chloe	CL	D-RAF37-type(b)	Latrine Sludge Fluidisation
mdev2	van Thorenburg	Manon	JN	C-MLO29-type(b)	Protein-sugar hydroge composites
wv209	Vernon	William	SE	C-HEMH-3	Dynamics videos and the 'well-behaved' boomerang
ythv2	Vu	Yen	T	F-GMT11-2	Imaging of coronary plaque using ultrasound elastography
mw492	Wagner	Matt	JE	C-MDB54-3	A dynamic seat for a 'radical' child's wheelchair (ALFIE) - one seat
jmw228	Walker	James	T	A-JCM91-3	Solar Power for the Developing World
jqw22	Wang	Wendy	CHR	F-WJF-13	Gesture recognition
cw436	Wang	Chao	CL	A-RSC10-2	Unsteady jet propulsion
jw640	Whitall	Josh	HO	D-HJC34-3	Implementation of Renewable Energy and Other Technologies in Central America
aw496	Whyte	Alex	K	A-GTP-5	Use of Thorium in a PRISM Reactor
ajw248	Wiggett	Andy	CHU	D-SKH20-4	The mechanics of cricket ball bounce
ow222	Wilsby	Oscar	K	F-CER54-1	Motion Control and the McLaren F1 Simulator
aw488	Woolf	Abigail	CAI	D-JMA42-type(b)	Material choice and manufacturing process for insulation panels in the 'Eco-house'
kwy23	Yu	Wylkia	G	B-DPC31-3	Optical fibre space switch for next generation telecom service
jz313	Zhang	Andrew	T	A-JCM91-2	Autonomous Vehicles
cz258	Zhang	Cheng	R	C-JW12-3	Characterising dynamic sliding friction
ayz21	Zhao	Andrew	CC	D-KS-1	Energy Walls
njz23	Zhou	Nigel	R	C-MDB54-2	'Circles and Squares' - Morphic wheels that are capable of climbing stairs for wheelchairs

IIB PROJECTS 2012-2013
FIRST ALLOCATION - UPDATED 6.6.12

zz256	Zhou	Ziyu	DOW	A-AA406-2	Flow instability and sound generation in automobile exhausts
fz226	Zhou	Felix	JN	B-ACF26-2	Graphene Nanoelectronics