Paediatric Pharmaceutical Care: Internships and Placements

Autumn Dates: Commencing 14 October 2013

London, United Kingdom
Internships and Placements

We offer two types of programme – A six week internship accredited by King’s College London University and a one to two week placement. Places are limited due to the practical nature of both programmes, and students applying for the internship will take priority.

Internship

This programme is intended primarily for non U.K. pharmacists with an interest in paediatric pharmaceutical care. Experience in paediatric pharmaceutical care is not essential but would be an advantage for those attending. Participants are expected to have worked in a hospital pharmacy.

Duration

Internships run three times a year. The next Internship will run for six weeks from 14th October to 22nd November 2013.

Format

The internship is delivered in the work place and students will receive one-to-one supervision and direction while based in the ward environment. A range of fully accredited material to direct self learning and to record documentation of observed practice will also be provided to the student. The Internship is fully accredited by Kings College London University (15 module credits as part of a Master of Science degree).

Location

The internship will take place at two sites, Evelina London Children’s Hospital and King’s College Hospital to broaden the experience by exposure to different children’s services.

Fees

A course fee of £3,000 will be applied. This fee will cover the accreditation from KCL but excludes accommodation and travelling expenses.

Overall Aims

The Internship is intended to provide pharmacists with the core aspects of paediatric pharmaceutical care in order to have the knowledge and skills to practice safely. A key element of the Internship is to consider how the knowledge and skills acquired on the course can be applied back at work in the student’s own setting.
General Learning Outcomes

On completion of the programme, students should be able to:-

- Critically review perspectives of international initiatives for improving better medicines for children i.e. World Health Organisation – WHO Essential Medicines for children, Regulatory frameworks, Paediatric Research networks

- Critique the use of medicines in the management of the most common paediatric clinical conditions

- Assess the influence of age and weight on both drug handling and patient response in association with the product formulation and appropriate formulations available for use in children

- Demonstrate a detailed understanding of the range of risk and clinical governance strategies which could be used to design safer care to children within different health care organisations and systems, especially as they relate to the developing world.

Clinical Learning Outcomes

On completion of the programme, students should be able to:-

Apply a clinical knowledge and understanding of drug efficacy, safety and drug handling to different stages of child development, to allow paediatric prescription monitoring for a range of common paediatric diseases and conditions

Demonstrate an understanding of the medicines licensing system and the implications for the use of medicines in children

Identify the key aspects associated with the use of extemporaneous formulations and excipients in children

Critically review the common paediatric reference sources and use the information to resolve pharmaceutical problems

Assess children for likelihood that an adverse drug reaction has occurred and report such incidents using the formal reporting system

Use UK national guidance relating to neonatal, paediatric and young people’s health care and understand the implications of these guidance to current practice.
University assessment

The internship is accredited by Kings College London, University. The summative assessment of competence to practice will test underpinning knowledge, decision making and application of theory to practice using:-

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<thead>
<tr>
<th>Assessment</th>
<th>Format</th>
<th>Pass Mark</th>
<th>% of Overall Module</th>
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<tbody>
<tr>
<td>Portfolio of Clinical Evidence</td>
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<td>Pass/Fail</td>
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<tr>
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<td>2,000 words</td>
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<td>25% of overall module mark</td>
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<tr>
<td>Presentation of Element of service delivery with implementation plan</td>
<td>30 minute presentation</td>
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<td>25% of overall module mark</td>
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<tr>
<td>Presentation of written case history</td>
<td>1,000 words</td>
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<td>25% of overall module mark</td>
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<tr>
<td>Presentation of oral case history</td>
<td>30 minute presentation</td>
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Further details of the assessment process are available in the Paediatric Pharmaceutical Care Student Handbook when you enrol.

Overview of Programme

The programme will cover the following areas:

- Pregnancy and the first month of life
- Childhood issues
- Gastrointestinal disorders
- Respiratory disease (asthma, croup, cough, hay fever, cystic fibrosis)
- Diabetes
- Neurological disorders
- Childhood Infections (respiratory, otitis media and externa, sore throat, community acquired pneumonia, skin and soft tissue infections, bacterial meningitis, fungal infections, eye infections, UTIs).
- Nutrition
- Drug handling and pharmacokinetics
- Dermatology
- Neurosurgery
- Liver disease
- Haematology/Oncology
Faculty

Course Leaders:

**Sara Arenas-Lopez**  
Consultant Pharmacist - Paediatric Critical Care, Evelina London Children’s Hospital

**Steve Tomlin**  
Consultant Pharmacist - Children’s Services, Evelina London Children’s Hospital

**William Thornhill**  
Principal Paediatric Pharmacist - Evelina London Children’s Hospital

**Dr Cate Whitlesea**  
Module Lead at King’s College London University

Facilitators:

**Aileen Parke**  
Principal Paediatric Pharmacist, King’s College Hospital

**Marie O’Meara**  
Senior Paediatric Pharmacist, King’s College Hospital

**Nicola Hussain**  
Senior Paediatric Pharmacist and Academic Link, Evelina Children’s Hospital and Kings College Hospital
Placement

This programme is intended primarily for non U.K. pharmacists with an interest in paediatric pharmaceutical care. Experience in paediatric pharmaceutical care is not essential but would be an advantage for those attending.

Duration

The next placement will run for one to two weeks from 14 October 2013.

Location

Evelina London Children’s Hospital

Format

The placement is delivered in the work place and students will shadow an allocated pharmacist while based in the ward environment. A unique focus of this programme is the opportunity for students to be totally integrated with the delivery of paediatric pharmacy services at the hospital.

The placement is designed to provide an observational experience on the work environment and practical delivery of paediatric pharmaceutical care.

Overall aims

The placement is intended to provide pharmacists with an insight into the core aspects of paediatric pharmaceutical care in order to have the knowledge and skills to practice safely.

Fees

The cost is £500 per week. The fee does not include accommodation and travelling expenses.

Faculty

Sara Arenas-Lopez  
Consultant Pharmacist - Paediatric Critical Care, Evelina London Children’s Hospital

Steve Tomlin  
Consultant Pharmacist - Children’s Services, Evelina London Children’s Hospital

William Thornhill  
Principal Paediatric Pharmacist Evelina London Children’s Hospital
About Evelina London Children’s Hospital

Children’s services provided in Evelina London Children’s Hospital and St Thomas’ Hospital, treat around 55,000 children a year. Specialising in caring for babies born prematurely or with serious medical conditions, the hospital moved to a new purpose built hospital at St Thomas’ in 2005. It includes:-

- 130 inpatient and day case beds
- 20 paediatric intensive care beds
- 46 neonatal cots
- 6 operating theatres
- A full children’s imaging service
- A kidney dialysis unit
- An outpatients department
- A medical day care unit
- A hospital school

Evelina London Children’s Hospital is recognised nationally and internationally as a Paediatric Centre of Excellence.

Registration

To register for the internship or the placement, please complete the application form and return to:

Ian Mackie
Events Organiser
Guys and St Thomas’ NHS Foundation Trust
ian.mackie@gstt.nhs.uk

Tel: + 44 (0) 207 188 1622

Enquiries

If you have any queries please contact Ian Mackie, contact details as above.