



# BRITISH MATERNAL AND FETAL MEDICINE SOCIETY

## Fourteenth Annual Conference

Thursday 10<sup>th</sup> & Friday 11<sup>th</sup> June 2010 – The Sage Gateshead

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**BMFMS Members**

May 2010

Dear Delegate,

Arrangements are proceeding well for the above-mentioned conference at which you have registered to attend.

If you now find you are unable to attend for any reason or wish to make changes to your registration booking, **please inform us as soon as possible**. The secretariat regrets that registration fees are NOT refundable at this stage, although name substitutions will be accepted at any time.

Please note that registration and coffee at The Sage Gateshead on Thursday 10<sup>th</sup> June is from 08.00-09.20 hours and the first session commences at 09.20 hours with the President's Introduction and Welcome.

If you have booked accommodation through the secretariat, any changes to your booking should be made directly with the hotel. Your room rate together with breakfast is already settled. Please pay for any relevant room extras such as bar bills and laundry charges on your departure from the hotel.

You will find enclosed a general information sheet about the conference, a copy of the final programme, directional maps and a copy of the agenda for the British Maternal and Fetal Medicine Society's Annual General Meeting being held on Thursday 10<sup>th</sup> June from 17.15-18.00 hrs. A copy of the minutes from last year's Annual General Meeting is also attached for your information.

If you have booked a ticket(s) for the Society Dinner at the Great North Museum Hancock, this will be available for collection when you register for the meeting at the Conference Registration Desk.

If you have any queries regarding the meeting, please do not hesitate to contact us. Otherwise, we look forward to seeing you in Gateshead.

With kind regards,

**Kate Melton**

Conference Secretariat  
Hampton Medical Conferences Ltd  
113-119 High Street, Hampton Hill,  
Hampton Hill, Middlesex TW12 1NJ, U.K  
Tel: +44 (0) 20 8979 8300, Fax: +44 (0) 20 8979 6700

**Joanna Prendergast**

# British Maternal and Fetal Medicine Society Fourteenth Annual Conference

10<sup>th</sup> & 11<sup>th</sup> June 2010, The Sage Gateshead

## GENERAL INFORMATION

### **VENUE**

The Sage Gateshead  
St. Mary's Square  
Gateshead Quays  
Gateshead, NE8 2JR

### **TRAVEL**

#### **BY AIR:**

Newcastle International Airport is served by many airlines providing direct links from international and UK destinations, and is located eight miles from the city centre. Visit [www.NewcastleGateshead.com](http://www.NewcastleGateshead.com) for further information on destinations and operator details.

The airport is connected to the city's Metro system which is the quickest way to get to the city centre. Trains run every 5-15 minutes and the journey takes around 20 minutes. Visit: [www.newcastleairport.com](http://www.newcastleairport.com) for more information.

#### **BY CAR:**

The A1(M) passes through Newcastle/Gateshead linking the area to London, the South, Scotland and major routes across the country. The A69 links west to Carlisle, the Lake District and, via the M6, to the South and West of England.

To help plan your route visit: [www.rac.co.uk](http://www.rac.co.uk) or [www.theaa.com](http://www.theaa.com). The post code for The Sage Gateshead is NE8 2JR.

#### **PARKING:**

The Sage Gateshead has its own car park with lift access situated directly behind the building. From 06.00-17.00 charges are £1.50 per hour, paid for on exit only.

#### **BY TRAIN:**

Direct rail services run from many UK cities to Newcastle Central Station. National Express operate the East Coast mainline from London King's Cross to Scotland via Newcastle and the CrossCountry route links the region with Scotland, the Midlands and the South West. Northern Rail operates from Carlisle, Teesside and beyond, while TransPennine Express services run from Manchester, Liverpool and stations across Yorkshire.

To help plan your route contact: National Rail Enquiries on: 08457 48 49 50 or visit: [www.nationalrail.co.uk](http://www.nationalrail.co.uk)

Visit: [www.thesagegateshead.org](http://www.thesagegateshead.org) or [www.newcastlegateshead.com](http://www.newcastlegateshead.com) for further travel information and directional maps.

### **HOTEL ACCOMMODATION, ARRIVAL & EXTRAS**

If you have booked accommodation with the secretariat, your room rate and breakfast charges have already been settled with the hotel, however, any room extras incurred during your stay e.g. phone calls, bar bills etc. must be settled by you on departure. Any subsequent changes to accommodation requirements should be directed to the hotel.

### **SECRETARIAT HOTEL ADDRESSES AND WEBSITES**

Hilton Newcastle Gateshead  
Bottle Bank  
Gateshead, NE8 2AR  
Tel: 0191 490 9700  
[www.hilton.co.uk](http://www.hilton.co.uk)

Jurys Inn  
Scotswood Road  
Newcastle Upon Tyne, NE1 4AD  
Tel: 0191 201 4400  
[www.jurysinns.com](http://www.jurysinns.com)

Check in at the Jurys Inn is from 14.00 hrs and check in at the Hilton is from 15:00 hrs.

### **CHECK OUT**

Delegates are advised to check out from their hotels on the morning of Friday 11<sup>th</sup> June before coming on to The Sage Gateshead. Arrangements will be made to store luggage at The Sage Gateshead.

## **REGISTRATION**

Registration is from 08.00-09.20 hrs on Thursday 10<sup>th</sup> June 2010. All delegates should go to the main entrance of The Sage Gateshead and follow the signs to the registration area. Registration will take place on the ground floor. Lectures commence at 09.20 hrs in the Main Auditorium with an introduction and welcome from Professor Stephen Robson, President of the British Maternal and Fetal Medicine Society.

## **MEET THE EXPERTS**

The following "Meet the Expert" sessions will be held on Thursday 10<sup>th</sup> June FROM 13.20-14.20 hrs:

Outpatient induction of labour:	Hall 1 (Main Auditorium)
HIV/infection:	Hall 2
Late termination:	Northern Rock Foundation Hall

## **MESSAGES**

The telephone number of The Sage Gateshead is 0191 443 4666. Messages can be taken on this number and will be displayed on the message board located by the Conference Registration Desk. This number will not be available for outgoing calls.

## **SOCIETY RECEPTION AND DINNER, THURSDAY 10<sup>TH</sup> JUNE**

Great North Museum Hancock  
Barras Bridge  
Newcastle upon Tyne  
NE2 4PT

The museum is located in Newcastle City Centre. Guests are requested to make their own way to and from the museum and enter via the main entrance on Claremont Road. A location map is attached for information.

Guests will be able to access the lower ground floor of the museum during the drinks reception to view exhibits which include artifacts from ancient Greece and Egypt and major displays showing the wonder and diversity of the animal and plant kingdom. The pre-dinner drinks reception will be held from 19:30 hrs and dinner will be served from 20:15 hrs.

If you have booked a ticket for the Society Reception and Dinner, this will be available for collection when you register at the Conference Registration Desk. **Please note that if you have not booked a dinner ticket and now wish to attend, you must contact the secretariat to check for availability as a matter of urgency.**

NB: Dress code at the Conference Dinner is lounge suits and there is no seating plan.

## **SPECIAL DIETARY REQUIREMENTS**

Lunch on Thursday and Friday is a hot buffet and will include vegetarian options. If you have not done so already, please let the secretariat know if you have any other dietary requirements.

## **CPD ACCREDITATION**

This meeting may be deemed suitable for your Royal College of Obstetrics and Gynaecology Continuing Professional Development Programme (CPD). All participants will be issued with a Certificate of Attendance at the conference.

## **EXHIBITION OPEN TIMES**

Thursday 10<sup>th</sup> June: 10.30-16.05 hrs  
Friday 11<sup>th</sup> June: 08.00-14.45 hrs

**Please contact the secretariat should you have any queries regarding the meeting arrangements:**

Hampton Medical Conferences Ltd.,  
113-119 High Street, Hampton Hill, Middlesex, TW12 1NJ, UK  
Tel: +44 (0)20 8979 8300 Fax: +44 (0)20 8979 6700 Email: fetal@hamptonmedical.com

## FINAL PROGRAMME

THURSDAY 10<sup>th</sup> June 2010

- 08.00 – 09.20 Registration and Coffee
- 09.20 – 09.30 Official opening of conference  
Professor Stephen Robson, *President, British Maternal and Fetal Medicine Society*
- SESSION 1**                    **FETAL MEDICINE**  
Chairs: Dr Bill Martin and Dr Leanne Bricker
- 09.30 – 10.10                **SOCIETY LECTURE**  
**Management of fetal growth restriction**  
Professor Torvid Kiserud, Professor of Clinical Medicine, University of Bergen, Norway
- 10.10 – 10.22                *Additional information from array comparative genomic hybridisation (array CGH) technology over conventional karyotyping in prenatal diagnosis – a systematic review and meta-analysis*  
SC Hillman *et al*  
Abstract 1.1
- 10.22 – 10.34                *Maternal age and the risk of structural congenital anomalies*  
PWG Tennant *et al*  
Abstract 1.2
- 10.34 – 10.46                *Does progesterone differ in its effect on single and multiple pregnancy myometrium?*  
CK Ballard *et al*  
Abstract 1.3
- 10.46 – 11.30                *Coffee, Exhibition and Poster Viewing*
- 11.30 – 11.42                *Fetoscopic laser ablation (FLA) for severe twin to twin transfusion syndrome (TTTS): factors influencing perinatal outcome; including 'learning' curve of the procedure: lessons for new centres*  
RK Morris *et al*  
Abstract 1.4
- 11.42 – 11.54                *Folate supplementation in pregnancy and gene specific DNA methylation*  
KMK Ismail *et al*  
Abstract 1.5
- 11.54 – 12.06                *How accurate is the offline analysis of 3D volume datasets in the diagnosis of fetal brain abnormalities?*  
MSMA Salman *et al*  
Abstract 1.6
- 12.06 – 12.36                **Hot Topic: 3D/4D ultrasound**  
Dr Paul Moran, Consultant Obstetrics and Fetal Medicine, Royal Victoria Infirmary Newcastle upon Tyne
- 12.36 – 14.30                *Lunch, Exhibition, Poster Viewing and Meet the Experts Sessions*
- 13.20 – 14.20                **MEET THE EXPERTS SESSION (lunchtime sessions)**
- Outpatient induction of labour: Hall 1**  
Dr Kirsty Dundas and Ms Julie Hogg
- HIV/infection: Hall 2**  
Dr Kate Harding, Professor Steve Green and Ms Sue Alston
- Late termination: Northern Rock Foundation Hall**  
Mr Bertie Leigh, Professor Donald Peebles and Ms Veronica Donovan

**THURSDAY 10<sup>th</sup> June 2010**

**SESSION 2**

**MATERNAL MEDICINE**

Chairs: Mr Jason Waugh and Professor Fionnuala McAuliffe

14.30 – 15.00

**KEYNOTE ADDRESS**

**Proteinuria in pregnancy**

Professor Laura A. Magee, Associate Professor of Obstetric and General Medicine and Obstetrics and Gynaecology, University of British Columbia, Vancouver, Canada

15.00 – 15.12

*An early pregnancy urinary proteomic fingerprint accurately predicts later pre-eclampsia*

M Hall *et al*

Abstract 2.1

15.12 – 15.24

*Pregnancy impairs spatial memory and lowers mood*

D Farrar *et al*

Abstract 2.2

15.24 – 15.36

*H1N1v influenza in pregnancy in the UK*

M Knight *et al*

Abstract 2.3

15.36 – 16.06

*Tea, Exhibition and Poster Viewing*

16.06 – 16.18

*Maternal cardiac function in fetal growth restriction and preeclampsia*

KM Melchiorre *et al*

Abstract 2.4

16.18 – 16.30

*Class II and class III maternal obesity and pregnancy-related outcomes:*

*a UK national study*

KJ Fitzsimons *et al*

Abstract 2.5

16.30 – 16.42

*Prospective measurement of maternal serum angiogenic and anti-angiogenic factors*

*using a novel automated assay – potential for the prediction and diagnosis of*

*pre-eclampsia*

M Noori *et al*

Abstract 2.6

16.42 – 17.12

**Hot Topic: Dermatoses in pregnancy**

Dr Samantha A. Vaughan Jones, Consultant Dermatologist, St. Peter's Hospital, Chertsey, Surrey

17.15 – 18.00

Annual General Meeting

19.30

**Society Reception and Dinner**

**Great North Museum Hancock, Newcastle upon Tyne**

FRIDAY 11<sup>th</sup> JUNE 2010

**SESSION 3**

**LABOUR AND DELIVERY**

Chairs: Dr Tracey Johnston and Dr Kate Harding

09.00 – 09.30

**KEYNOTE ADDRESS**

**Decision to delivery**

Dr Steve Yentis, Consultant Anaesthetist, Chelsea and Westminster Hospital, London

09.30 – 09.42

*The effect of induction of labour on perinatal mortality and obstetric outcomes:  
a population database study*

SJ Stock *et al*

Abstract 3.1

09.42 – 09.54

*Investigating the effect of insulin on myometrial contractility*

AM Heath *et al*

Abstract 3.2

09.54 – 10.06

Specific therapies for severe postpartum haemorrhage in the UK

G Kayem *et al*

Abstract 3.3

10.06 – 11.05

*Coffee, Exhibition and Poster Presentations*

11.05 – 11.17

*Woman-centred second stage guidelines compared to time-limited guidelines:  
evidence of benefit*

AD Loughney *et al*

Abstract 3.4

11.17 – 11.29

*A randomised comparison of three doses of sublingual misoprostol on  
postpartum myometrial contractility*

AA Elati *et al*

Abstract 3.5

11.29 – 11.41

*Maternal and neonatal outcomes following Kielland's rotational forceps delivery*

KS Josephs *et al*

Abstract 3.6

11.41 – 12.11

**Hot Topic: Fetal monitoring**

Professor Peter Brocklehurst, Professor of Perinatal Epidemiology, NPEU, Oxford

12.11 – 13.10

*Lunch, Exhibition and Poster Viewing*

**SESSION 4**

**PREGNANCY OUTCOME**

Chairs: Mr Myles Taylor and Mr Richard Smith

13.10 – 13.40

**KEYNOTE ADDRESS**

**Long term implications of occult and  
clinical hypothyroidism in pregnancy**

Dr Erik K. Alexander, Attending Physician, Brigham and Women's Hospital  
Harvard Medical School. Boston, USA

13.40 – 13.52

*Abnormal doppler enteral prescription trial (the ADEPT study) :-  
the results of a trial of feeding in a high risk group of premature babies*

P Mannix *et al*

Abstract 4.1

13.52 – 14.04

The effect of maternal and fetal glucose homeostasis on birthweight

J Walsh *et al*

Abstract 4.2

14.04 – 14.16

*Transabdominal cerclage: preconceptual or first trimester insertion?*

F Dawood *et al*

Abstract 4.3

14.16 – 14.46

*Tea, Exhibition and Poster Viewing*

**FRIDAY 11<sup>th</sup> JUNE 2010**

- 14.46 – 14.58 *Birth prevalence of exomphalos, associated anomalies and outcomes in England & Wales: 1997-2007*  
CA Smith *et al*  
Abstract 4.4
- 14.58 – 15.10 *CLIC: a longitudinal study of inflammatory markers and cervical change in women at risk of spontaneous preterm labour*  
M Chandiramani *et al*  
Abstract 4.5
- 15.10 – 15.22 *Increased risk of fetal loss and infant death in obese women*  
PWG Tennant *et al*  
Abstract 4.6
- 15.22 – 15.52 **Hot Topic: Hypoxic brain injury**  
Dr Nicola Robertson, Reader in Translational Neonatal Medicine, Institute for Women's Health, University College London
- 15.52 – 16.00 Presentation of Abstract Prizes
- 16.00 – 16.30 **DEBATE:**  
**'This house believes that one to one midwifery care would improve outcome more than 24 hour consultant cover on the delivery suite'**  
Chair: Professor Stephen Robson
- Dr Maggie Blott: **AGAINST the motion**  
*Consultant Obstetrician, University College Hospitals NHS Trust*
- Professor Cathy Warwick CBE: **FOR the motion**  
*General Secretary, Royal College of Midwives, London*
- 16.30 Close of Conference

## The Sage Gateshead



### Public Car Parks (Pay and Display)

1	Multi-Storey Car Park (256 spaces)
2	Back Walker Terrace (59 spaces)
3	Regent Court Car Park (110 spaces)
4	Town Hall Car Park (52 spaces)
5	Swinburne Street Car Park (57 spaces)
6	Church Street Car Park (50 spaces)
7	The Sage Gateshead Car Park (273 spaces)
8	Mill Road Car Park (276 spaces)
9	Baltic Car Park (73 spaces)
10	South Shore Road Car Park (102 spaces)
11	Pipewellgate Car Park (28 spaces)
C	Coach Park

### Private Car Parks (for public use)

12	Wilkinsons Car Park
13	Tesco Car Park
14	Mecca Bingo Car Park

### Other Symbols

	Disabled Parking
	Metro Station
	Gateshead Visitors Centre (Parking available for visitors only)
	Boundary Of Gateshead Quays

**BMFMS Society Dinner – Thursday 10<sup>th</sup> June 2010**

**Great North Museum: Hancock**

Barras Bridge,  
Newcastle upon Tyne,  
NE2 4PT





## **Agenda**

### **BMFMS Annual General Meeting**

**To be held on Thursday 10th June 2010 at the  
Sage Gateshead, Newcastle from 17.15 – 18.00**

- |                            |     |
|----------------------------|-----|
| 1. Welcome                 |     |
| 2. Minutes of previous AGM | SCR |
| 3. Matters arising         | SCR |
| 4. Election results        | SCR |
| 5. Treasurer's report      | TO  |
| 6. Bursary report          | MD  |
| 7. President's report      | SCR |
| 8. Future Conferences      | SCR |
| 9. AOB                     |     |

# BMFMS

## Minutes for Annual General Meeting Held on 18<sup>th</sup> June 2009 At BT Convention Centre, Liverpool

### 1. Welcome

The meeting was opened by the President Steve Robson welcoming members to the meeting.

### 2. Minutes of the previous AGM held on 3<sup>rd</sup> June 2008

These had previously been circulated to the membership, and also posted on the BMFMS website. There were no issues arising.

### 3. Matters arising

#### a. National ACCEA awards

Members are encouraged to send copies of applications to BMFMS so that we can give support for these applications. From the size of our Society, we are allowed to make recommendations for 10 bronze, 5 silver and 2 gold applications. Support from the BMFMS is in parallel from any support from the RCOG.

#### b. Revalidation

A report was prepared by Gerald Mason for the RCOG and the information given was very highly valued. Steve Robson offered particular thanks to Gerald Mason for his hard work.

### 4. Election results

<i>Post</i>	<i>Person leaving</i>	<i>Person joining</i>
Trainee representative	Melissa Whitworth	Sarah Stock
DGH	Kim Hinshaw	Graham Tydeman
Fetal Medicine	Gerald Mason	Leanne Bricker
Labour and Delivery	Lucy Kean	Kate Harding

### 5. Treasurer's Report

Tim Overton reported that the income obtained in a year approximately equals our expenditure. The current balance we hold in the bank account is approximately £162,000. The annual contribution to bursaries is approximately £12,000. The amount available to be distributed is flexible and more applications are encouraged in the next round. There is a fine balance for the numbers attending the BMFMS Annual Conference and whether the society makes a loss or a profit. The breakeven point is at approximately 400 delegates. This year the conference attendees are in excess of 400 and a profit is expected.

### 6. Bursary Report

Mark Denbow announced that bursaries awarded in the last round were to Anna Kenyon (£1,982) for a pilot study into pre-term labour, to Bryony Stracken and Mark Denbow (£1,600) for obstetric emergency training in Uganda, and to Sarah Stock (£2,850) for a pilot study of optimisation of cell culture techniques. Some other projects that had been awarded funds were awaiting confirmation of other funding before they could go ahead. A general cap is set at about £3,000 for any one project. Members were again encouraged to submit applications when the next round was advertised in the autumn.

A suggestion was raised from Lucy Kean as to whether support could be given for medical students attending the Conference, sponsored by a member. Steve Robson replied that medical students whose abstracts had been awarded a poster, or presentation, free registration has been offered this year.

### 7. President's report

#### a. Clinical Studies Groups

These have been designed to 'develop' research ideas. There are 4 obstetric CSGs, Pre-term birth, fetal medicine, maternal medicine, labour and delivery. Pre-term birth CSG was the first one and BMFMS supported this up to £5,000. The fetal medicine CSG is under the chairmanship of Zarko Alfirevic and we have promised support to a maximum of £5,000/year for a maximum of 3 years. Maternal medicine is supported by the Macdonald Obstetric Medicine Society, but BMFMS has agreed to give additional funding if necessary. Steve Robson requested support from the Society for commissioning a labour and delivery group. There was generalised support from the members present. Membership was reminded that this is potentially quite a big financial investment for our Society, but one that is deemed important in developing high quality research in Obstetrics.

### *b. Education and Training Group*

The E&T Group has been reconstituted under a new chairman, Dilly Anumba. The most recent work undertaken by the E&T Group was the manpower planning document prepared for the RCOG. The new work has been looking at the ATSM courses and making recommendations for standard curricula. This means that other non-BMFMS courses can be established, which potentially will have financial implications for our Society, since the Society will not see profits from these courses. The next piece of work is a critical review of the ATSM curricula. Input from the membership is required from this work in order to make the ATSMs appropriate and achievable. A future piece of its review of subspecialty training centres for fetal medicine. The E&T Group is awaiting final instructions about the process here, either that standards are defined for a centre or else that recruitment for subspecialty trainees is made nationally. The strong impression is that there is a need to convert some subspecialty programs into ATSM programs. Tracey Johnson commented that it is important to have trainee's views on ATSMs to feed into this process. Dilly Anumba has been promised contact details from the RCOG for trainees and trainers to enable him to acquire this information.

### *c. Website*

The BMFMS website is rather outdated and not particularly useful. Melissa Whitworth (Previously trainee representative on the Executive Committee) is going to be retained on the Executive Committee to work on redesign and redevelopment of the website. She needs to know what members want from the website and will canvas views.

### *d. Service Reviews*

Up to this point the BMFMS has not been involved in Service Reviews. However, in 2009, the department of health asked BMFMS to be involved in the service review about service provision for twin to twin transfusion syndrome. However, when the Society asked for details about the terms of reference this was not clarified and hence the Society has withdrawn its involvement. Steve Robson commented that this area was politically rather highly charged and he felt it was unwise to become involved if we did not know the terms of reference and use to be made for the data obtained.

## **8. Future meetings**

### *a. The next Annual Conference*

This has been arranged for the Sage Centre in Gateshead, Newcastle upon Tyne on the 10<sup>th</sup>/11<sup>th</sup> June 2010. The meeting is to be preceded by the MacDonald Obstetric Medical Society Meeting on the 9<sup>th</sup> June 2010 at the same venue.

### *b. Perinatal 2011*

This is to be held in Harrogate on the 15<sup>th</sup> and 17<sup>th</sup> June 2011. The conference organisation was put out to tender and Hamptons were elected for the role, but on a separate contract to that held with just BMFMS conferences. The Organising Committee for Perinatal 2011 was drawn from executive members of the partner societies which are BMFMS, British Association of Perinatal Medicine (BAPM), Neo-natal Society (NNS) and the Neo-natal Nurses (NNN). A formal contract has been drawn up between the societies and it has been agreed that we will share profit or loss with regard to delegate numbers at the meeting. It is hoped that the formal contract will avoid some of the problems that were encountered in the 2008 meeting. The British Association of Paediatric Surgeons (BAPS) was invited to be a partner, but declined because they already have their 2011 conference organised. However, the BAPS have agreed that it will advise about speakers who can cover perinatal surgery issues. There is a desire to engage with midwives for this conference, but in the absence of a formal society of fetal medicine midwives, they will not be formal partners.

## **9. AOB**

### *a. Database - neo-natal unit bed availability*

Brian Beattie asked if some of BMFMS surplus money could be used to develop a database about neo-natal unit bed availability. The BAPM were asked to help with this project, but have declined. Mark Salinger commented that it would be expensive and very difficult to solve this problem. Bill Martin said that he is involved in a group at the department of health which may be looking into this area. Brian Beattie then pressed that the first and simple piece of work would be to produce an interactive map covering where neo-natal units are and their capability and to provide up to date telephone numbers of the neo-natal units and corresponding labour wards.

### *b. CSGs*

Steve Thornton who is chairman of the pre-term birth clinical studies group asked what feedback the Society would like about these groups, whether putting minutes on the Society website or providing a report at the AGM. The President Steve Robson replied that although BMFMS provides funds for the groups it is not involved in intellectual ideas. Lyn Chitty asked for information about what studies are planned and developed. Steve Thornton said that minutes from CSGs may be published on the RCOG website, including information about the studies that are supported.

The meeting was closed with the President wishing the members a pleasant evening at the Society dinner.