

Young Driver Subcommittee 2012 Mid-year Meeting

Measuring Readiness to Drive (Safely): Testing and Assessment Techniques for Young Drivers

June 20 & 21, 2012
J. Erik Jonsson Center of the National Academy of Sciences
Woods Hole, MA

Agenda

Wednesday, June 20, 2012 (Except for meals & reception, all sessions will be in the Carriage House)

7:30 *Breakfast (Main House)*

8:30 **Session 1: The role of driver testing in novice driver safety**
(Facilitator: Barry Watson)

1.1 *Warm-up exercise*
(Planning group and John Nepomuceno)

Demonstration of traditional and innovative testing approaches from around the world (some of which were distributed to participants prior to the meeting).

1.2 *Overview; goal; possible products; procedures; participant roles and responsibilities*
(Rob Foss & Barry Watson)

1.3 *The purpose, history and impact of novice driver testing*
(Presenters: Dan Mayhew & Barry Watson; Recorder: Richard Compton)

Specific issues to be addressed include:

- administrative and safety goals of testing;
- the evidence regarding the safety benefits of traditional knowledge and practical driving tests;
- evaluation difficulties; and
- the potential role of testing in reinforcing the overall goals of GDL.

1.4 *Factors influencing the delivery of driver testing*
(Presenters: Karen Morton & Scott Masten; Recorder: Richard Compton)

Specific issues to be addressed include:

- administrative imperatives associated with testing;
- community attitudes and perceptions regarding novice driver testing;
- implementation challenges (eg. urban vs rural);
- determining best practice in the area.

Session Discussants: Allan Williams & Anne McCartt

9:45 *Break*

10:00 **Session 2: Recent innovations in novice driver testing – Part 1**
(Facilitator: Teresa Senserrick)

2.1 *Practical driver testing*
(Presenters: Dan Mayhew, Antonietta Cavallo; Recorder: Natalie O'Brien)

This session will focus on recent innovations in practical driver testing, including Exit testing, and include:

- an overview of the new Victorian practical driving test designed to assess novice drivers who have obtained 120 hours of practice (Antonietta); and
- developments in the use of practical tests to assess drivers suitability to advance from an intermediate licence to full licence ie. Exit tests (Dan)

2.2 *Hazard perception testing*
(Presenters: Teresa Senserrick, Antonietta Cavallo & Don Fisher; Recorder: Nic Ward)

This session will focus on recent innovations in hazard perception testing, drawing on developments and related evidence from:

- Australia (Teresa & Antonietta); and
- USA (Don).

Session Discussants: Jean Shope & Ruth Shults

12:00 *Lunch*

1:00 **Session 3: Recent innovations in novice driver testing – Part 2**
(Facilitator: Dan McGehee)

3.1 *Competency-based training & assessment (CBT&A)*
(Presenters: Dan Mayhew; Teresa Senserrick & Barry Watson; Recorder: Jonathon Ehsani)

This session will focus on recent innovations in competency-based training and assessment (CBT&A) of novice drivers (ie. where the assessment is built into the training process) drawing on developments in:

- North America (Dan Mayhew)
- Australia (Teresa & Barry);

3.2 *Driving simulators*

(Presenters: Dan Mayhew, Dan McGehee & Kate McDonald; Recorder: Rusty Weiss)

This session will focus on the current and potential role of driving simulators in assessing novice driver competencies, including the related implications for training.

Session Discussants: Marie Claude Ouimet & Ray Bingham

3:00 *Break*

3:30 **Session 4: Insights into the predictors of safe driving from recent research**

(Facilitator: Charlie Klauer)

1.1 *Naturalistic driving studies*
(Presenter: Anuj Pradhan; Recorder: Kate McDonald)

4.2 *Electronic monitoring/feedback*
(Presenters: Arthur Goodwin, Dan McGehee & Rusty Weiss; Recorder: John Nepomuceno)

Session Discussants: Rob Foss & Neil Lerner

4:45 *Review and summary of day's discussions*
(Bruce Simons-Morton)

5:30 *Reception*

6:30 *Clambake Dinner (Yum!)*

Thursday, June 21, 2012

7:30 *Breakfast*

8:30 *Discussion of future ANB30 Committee and ANB30(1) Subcommittee activities*
(Bruce Simons-Morton and Rob Foss)

8:45 **Session 5 : The future direction of driver testing**
(Facilitators: Anuj Pradhan & Barry Watson)

This session would involve small break-out groups discussing and documenting what they think novice driver testing might look like in five to ten years time. Among the issues that could be considered are:

- the 'better practice' features of current approaches which need to be retained;
- the role of parents in preparing novices to be safe drivers rather than to pass a test;
- the role of professional trainers in the preparation and assessment process;

- the potential to utilise more technology in the assessment process (eg. simulators, licensing centre or internet based screen tests, downloads of onboard data collection etc); and
- the sequence and timing of tests.

In order to save time (both during the discussion and the reporting-back phase), it may be better to ask each group to focus on a subset of the above issues.

Discussants: Nominated spokesperson from each group & Richard Compton

10:00 *Break*

10:15 **Session 6: Research priorities in driver testing**
(Facilitator: Dan Mayhew; Recorder: Ray Bingham)

This session will summarise and prioritise the research opportunities that have emerged over the course of the meeting. To fast-track the discussion, the planning group will prepare a provisional list of research priorities prior to the meeting, which will be refined during the course of the meeting. We would then present this at the start of the session and seek to confirm:

- the current gaps in knowledge relating to novice driver testing;
- research opportunities to address these gaps in knowledge; and
- research tasks which should be given priority.

11:45 *Wrap up and next activities of the YD Working Group*
(Rob Foss)

Noon *Lunch and Adjourn*