

INTRINSIC LIGHT

for concert band

CAIT NISHIMURA

2019

INTRINSIC LIGHT

commissioned by the Ontario Band Association
in celebration of the Ontario Music Educators' Association's 100th anniversary

INSTRUMENTATION

Piccolo
Flute 1 and 2
Oboe
Bassoon
Clarinet 1, 2, and 3
Bass Clarinet
Alto Saxophone 1 and 2
Tenor Saxophone
Baritone Saxophone
Trumpet 1, 2, and 3
French Horn 1, 2, and 3
Trombone 1, 2, and 3
Euphonium
Tuba
Double Bass
Timpani
Glockenspiel
Vibraphone
Marimba 1 and 2
Chimes
Percussion 1 (triangle, tambourine, bass drum)
Percussion 2 (suspended cymbal, bass drum)

DURATION: ~7 minutes

"Intrinsic light" is a term for the colour or sensation we experience in complete darkness, due to the spontaneous activity of neurons in the retina. My goal with this piece was to represent this phenomenon through sound. Reflecting on this concept prompted a deeper, metaphorical realization: even in times of darkness, we are able to observe, generate, and experience light, and that coming together to make music is one of the ways in which we can do this. When I was a high school student, I participated in the Ontario Provincial Honour Band and performed at the annual OMEA conference. It was a formative experience during which I was surrounded by others who were there out of a genuine desire to share their love of music – a beautiful example of "intrinsic" motivation. It has been ten years since I graduated from my high school music program, and five years since completing my post-secondary studies in music, and I am endlessly grateful to have been part of the music education community in Ontario. Music teachers are some of the unseen superheroes of this world, and it was a huge honour to have been asked to write music in celebration of their work.

NOTES FOR THE CONDUCTOR:

Players with singing in their parts should sing the written pitches in any comfortable octave. Please note that these parts are transposed so that players are able to play the written notes on their instruments for reference.

If your ensemble does not have enough percussionists to cover all parts, prioritize the parts to the best of your ability with the resources you have, with the following consideration:

The mallet percussion parts contain a hemiola starting at rehearsal letter H. It is crucial to have both rhythmic patterns covered, so if possible please ensure that you assign one part which has sixteenth notes (vibraphone or marimba 1) and one which has eighth note triplets (glockenspiel or marimba 2).

The tempo shift at rehearsal letter H should feel like a shift to half time, in which two quarter notes from m91 are equal to one quarter note from H onward. The accelerando from m88-91 is to facilitate this shift. Similarly, at rehearsal letter I, one eighth note in m105 is equal to one quarter note from letter I onward. The pulse should stay the same from H until the *molto rit* at m128.

In celebration of the OMEA's 100th anniversary, I have quoted the melody to "Happy Birthday" in m109-113 in clarinets 1-3, trumpets 2-3, and chimes.

The chord in m132 is a direct quote from the final chord of Gustav Holst's *First Suite in E-flat, Movement 1: Chaconne*.

Thank you for programming this piece! It is a particularly special one for me, and I would love to hear about any upcoming performances: caitnishimura.com / [@composer_cait](https://twitter.com/composer_cait)

Intrinsic Light was commissioned by the Ontario Band Association in celebration of the 100th anniversary of the Ontario Music Educators' Association. The commission was jointly funded by the following consortium of schools, institutions, and individuals from across North America:

Agincourt Collegiate Institute, David Lum
Alexander Mackenzie High School, Eric Hudspith
Arizona State University, Jason Caslor
Aurora Community Band, Gord Shephard
Bill Hogarth Secondary School, Steffan Brunette and Patrick Knight
Bishop Lloyd Middle School, Anya Pogorelova
Brooklin High School, Andy Barber
Bur Oak Secondary School, Lyle Corrigan
Cambrian College, Dylan Maddix
Centennial College Saskatoon, Christa MacBride and Ali Peters
Charles P. Allen High School, Melissa Doiron
Clinton County Band Director Association, Eric Chrostoski, Blake Korte, Rodney Washburn, Jamie Zettler
Dennis Beck
Didsbury High School, Kirk Wassmer
Dr. F.J. Hayden Secondary School, Leah Jagger
Dr. G. W. Williams Secondary School, Scott Harrison
Dr. Norman Bethune Collegiate Institute, Andria Kilbride and David Ross
Edina High School, Paul Kile
Evan Hardy Collegiate & Saskatoon Serenade, Stacey Mortenson-Spokes
Foothills Music Society, Kathie Van Lare and Cassandra Lehmann
Jackson City Schools, Ryan Hurd
Jessica Puskar
Markham District High School, Mark Caswell
McMaster University, Joseph Resendes
Sir William Mulock Secondary School, Chris Uchida and James Eriksen
Ontario Band Association
Orillia Secondary School, Laura Lee Matthie
Phi Beta Mu – Lambda Iota Chapter
Pierre Elliott Trudeau High School, Greg Colley
Reinhardt University, Daniel Kirk
Richmond Hill High School, Joanna Christopoulos-Sarganis and Stuart Siu
Rouge River Winds, Pratik Gandhi
Rowan University Wind Ensemble, Joseph Higgins
Saugus High School, Corey Whitt
Sir Frederick Banting Secondary School, Nigel Evans
Strathcona-Tweedsmuir School, Colin Van de Reep and Nathalie Roy
T.A. Blakelock High School, Amy Abbott and Brian Vincent
Unionville High School, Jeff Wrigglesworth
University of North Carolina Wilmington, Dominic Talanca
University of Toronto, Gillian MacKay and Jeff Reynolds
W.J. Mouat Secondary School, Janet Wade
William Mason High School, Edward F. Protzman
Winona State University, Melanie Brooks
Yamaha Canada Music Ltd.

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CAIT NISHIMURA

♩ = 76

1 2 3 4 5 6 7 8 9 10 11

A

Piccolo
Flute 1
Flute 2
Oboe
Bassoon
Clarinet in B♭ 1
Clarinet in B♭ 2
Clarinet in B♭ 3
Bass Clarinet
Alto Sax 1
Alto Sax 2
Tenor Sax
Baritone Sax
Trumpet in B♭ 1
Trumpet in B♭ 2
Trumpet in B♭ 3
Horn in F 1
Horn in F 2
Horn in F 3
Trombone 1
Trombone 2
Trombone 3
Euphonium
Tuba
Double Bass
Timpani
Glockenspiel
Vibraphone
Marimba 1
Marimba 2
Chimes
Percussion 1
Percussion 2

musical notation including notes, rests, dynamics (p, mp, mf, Tutti), and performance instructions (sing on "lu", Solo, Div, Unis, Play, sus. cymb.)

INTRINSIC LIGHT

This musical score is for the piece "INTRINSIC LIGHT" and covers measures 12 through 23. The score is written for a large ensemble of instruments. The instruments listed on the left side of the page are: Picc., Fl. 1, Fl. 2, Ob., Bsn., B. Cl. 1, B. Cl. 2, B. Cl. 3, B. Cl., A. Sax. 1, A. Sax. 2, T. Sax., B. Sax., B. Tpt. 1, B. Tpt. 2, B. Tpt. 3, Hn. 1, Hn. 2, Hn. 3, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, D.B., Timp., Glk., Vib., Mrb. 1, Mrb. 2, Chm., Perc. 1, and Perc. 2. The score includes various musical notations such as dynamics (mf, mp), articulation (accents), and performance instructions (Play, arco). A large watermark "© FOR MUSIC MURRAY MUSIC" is overlaid diagonally across the page.

B

24 25 27 28 29 30 Solo 31 32 33 34 35 36

Picc. *mp* Solo

Fl. 1 *mp* Solo

Fl. 2 *p* sing on "lu"

Ob. *p* sing on "lu"

Bsn. *p* sing on "lu"

B♭ Cl. 1 stagger breathe *pp*

B♭ Cl. 2 *pp*

B♭ Cl. 3 *pp*

B. Cl. *pp* sing on "lu"

A. Sx. 1 *p* sing on "lu"

A. Sx. 2 *p* sing on "lu"

T. Sx. *p* sing on "lu"

B. Sx. *p* sing on "lu"

B♭ Tpt. 1 Solo *mp* *mf*

B♭ Tpt. 2 *p* sing on "lu"

B♭ Tpt. 3 *p* sing on "lu"

Hn. 1 *pp*

Hn. 2 *p* sing on "lu" Play *p*

Hn. 3 *p* sing on "lu"

Tbn. 1 *p* sing on "lu"

Tbn. 2 *p* sing on "lu"

Tbn. 3 *p* sing on "lu"

Euph. *p* sing on "lu"

Tuba *p* sing on "lu"

D.B. *pp*

Timp. *pp*

Glk. *p* *pp*

Vib. *mp*

Mrb. 1 *pp*

Mrb. 2 *pp*

Chm. *p*

Perc. 1 *p*

Perc. 2 *p*

p *mp* *pp* *p*

C

D ♩ = 112

This musical score is for the piece "INTRINSIC LIGHT" and is page 6 of the score. It features a variety of instruments including Piccolo, Flutes (1 and 2), Oboe, Bassoon, Clarinets (B-flat 1, 2, 3, and B-flat), Saxophones (Alto 1 and 2, Tenor, and Baritone), Trumpets (B-flat 1, 2, and 3), Horns (1, 2, and 3), Trombones (1, 2, and 3), Euphonium, Tuba, Double Bass, Timpani, Glockenspiel, Vibraphone, Maracas (1 and 2), Chimes, and Percussion (1 and 2). The score is divided into two sections, C and D. Section C begins at measure 37 and ends at measure 47. Section D begins at measure 49 and ends at measure 50. The tempo is marked as ♩ = 112. The key signature is B-flat major. The score includes various dynamics such as *mp* (mezzo-piano), *p* (piano), and *pizz.* (pizzicato). Performance instructions like "Tutti", "Play", and "pizz." are included. A large watermark "© FOR MUSIC PER MURSA ONLY" is overlaid diagonally across the score.

This page of the musical score, titled "INTRINSIC LIGHT", contains measures 51 through 61. The instrumentation includes Piccolo, Flute 1 and 2, Oboe, Bassoon, Clarinets (Bb, Bb, Bb, Bb), Saxophones (Alto 1 and 2, Tenor, Baritone), Trumpets (Bb 1, 2, 3), Horns (F 1, 2, 3), Trombones (Bb 1, 2, 3), Euphonium, Tuba, Double Bass, Timpani, Glockenspiel, Vibraphone, Maracas (1 and 2), Chimes, and Percussion (1 and 2). The score features dynamic markings such as *mp* (mezzo-piano) and *mf* (mezzo-forte), along with crescendos and decrescendos. A large diagonal watermark reading "© CAIT FOR MUSIC PERUSAHAAN MUSIK ONLY" is overlaid on the score. The percussion parts at the bottom include specific notation for timpani and a pair of maracas.

62 *accel.* 63 **E** ♩ = 120 65 66 67 68 69 70 71 72 *rit.* 73

Picc. *f*

Fl. 1 *f*

Fl. 2 *f*

Ob. *f*

Bsn. *f*

B♭ Cl. 1 *f*

B♭ Cl. 2 *f*

B♭ Cl. 3 *f*

B. Cl. *f*

A. Sx. 1 *f*

A. Sx. 2 *mf* *f*

T. Sx. *f*

B. Sx. *f*

B♭ Tpt. 1 *mf* *f*

B♭ Tpt. 2 *mf* *f*

B♭ Tpt. 3 *mf* *f*

Hn. 1 *f*

Hn. 2 *f*

Hn. 3 *f*

Tbn. 1 *f*

Tbn. 2 *f*

Tbn. 3 *f*

Euph. *f*

Tuba *f*

D.B. *f*

Timp. *mf* *f*

Glk. *f*

Vib. *f*

Mrb. 1 *f*

Mrb. 2 *f*

Chm. *f*

Perc. 1 *f* tambourine

Perc. 2 *mp* bass drum *f* sus. cymb. *mp*

INTRINSIC LIGHT

F $\text{♩} = 60$ **G** $\text{♩} = 80$

75 76 77 78 79 80 81 83 84

Picc. *p* *mp*

Fl. 1 *p* *mp* Play

Fl. 2 *p* *mp* Play

Ob. *p* *p* *mp* Play

Bsn. *p* *mp*

B♭ Cl. 1 *p* *mp*

B♭ Cl. 2 *p* *mp*

B♭ Cl. 3 *p* *mp*

B. Cl. *p* *mp* Play

A. Sx. 1 *p* *mp* Play

A. Sx. 2 *p* *mp* Play

T. Sx. *p* *mp*

B. Sx. *p* *mp* Play

B♭ Tpt. 1 *p* *mp* Play

B♭ Tpt. 2 *p* *p* *mp* Play

B♭ Tpt. 3 *p*

Hn. 1 *p* *mp* Play

Hn. 2 *p* *mp* Play

Hn. 3 *p* *mp* Play

Tbn. 1 *p* *mp* Play

Tbn. 2 *p* *mp* Play

Tbn. 3 *p* *mp* Play

Euph. *p* *mp*

Tuba *p* *mp* Play

D.B. *p* *mp* Play

Timp. *p* *mp* Play

Glk. *p*

Vib. *p*

Mrb. 1 *p*

Mrb. 2 *p*

Chm. *p*

Perc. 1

Perc. 2 *p* *mp* sus. cymb.

accel. ----- ♩ = 140 [H] ♩ = 70

This musical score is for the piece "INTRINSIC LIGHT" and spans measures 85 to 91. The score is written for a large ensemble of instruments. The instruments listed on the left are: Picc., Fl. 1, Fl. 2, Ob., Bsn., B♭ Cl. 1, B♭ Cl. 2, B♭ Cl. 3, B. Cl., A. Sax. 1, A. Sax. 2, T. Sax., B. Sax., B♭ Tpt. 1, B♭ Tpt. 2, B♭ Tpt. 3, Hn. 1, Hn. 2, Hn. 3, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, D.B., Timp., Glk., Vib., Mrb. 1, Mrb. 2, Chm., Perc. 1, and Perc. 2. The score includes various musical notations such as notes, rests, and dynamic markings. A large watermark "© FOR MUSIC PERUSAL ONLY" is overlaid diagonally across the page. At the top right, there are tempo markings: "accel." followed by a dashed line, "♩ = 140" in a box, and "♩ = 70". At the bottom left, there are dynamic markings "p" and "mp" with a hairpin indicating a crescendo.

93 94 95 96 97 98 99 100

Picc. *p*

Fl. 1 *p*

Fl. 2

Ob.

Bsn.

B♭ Cl. 1 *p*

B♭ Cl. 2 *p*

B♭ Cl. 3 *mp*

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

B. Sax.

B♭ Tpt. 1 *Solo* *mf*

B♭ Tpt. 2

B♭ Tpt. 3

Hn. 1 *mf*

Hn. 2 *mp*

Hn. 3 *mp*

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

D.B.

Timp.

Glk. *3*

Vib. *3*

Mrb. 1 *3*

Mrb. 2 *3*

Chm.

Perc. 1

Perc. 2

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I ♩ = 140 (♩ = ♩)

This musical score is for the piece "INTRINSIC LIGHT" and is page 12 of the score. It features a variety of instruments and includes a large watermark for "CAPTIVIST MUSIC" across the center. The score is divided into measures 101 through 108. The instruments and their parts are as follows:

- Picc.**: Piccolo, starting in measure 101.
- Fl. 1, 2**: Flutes, with Flute 1 playing a melodic line and Flute 2 playing a rhythmic accompaniment.
- Ob.**: Oboe, playing a rhythmic accompaniment.
- Bsn.**: Bassoon, playing a rhythmic accompaniment.
- B. Cl. 1, 2, 3**: Bass Clarinets, with parts 1 and 2 playing a rhythmic accompaniment and part 3 playing a melodic line.
- B. Cl.**: Bass Clarinet, playing a rhythmic accompaniment.
- A. Sax. 1, 2**: Alto Saxophones, playing a rhythmic accompaniment.
- T. Sax.**: Tenor Saxophone, playing a rhythmic accompaniment.
- B. Sax.**: Baritone Saxophone, playing a rhythmic accompaniment.
- B. Tpt. 1, 2, 3**: Trumpets, with parts 1 and 2 playing a rhythmic accompaniment and part 3 playing a melodic line.
- Hn. 1, 2, 3**: Horns, playing a rhythmic accompaniment.
- Tbn. 1, 2, 3**: Trombones, playing a rhythmic accompaniment.
- Euph.**: Euphonium, playing a rhythmic accompaniment.
- Tuba**: Tuba, playing a rhythmic accompaniment.
- D.B.**: Double Bass, playing a rhythmic accompaniment.
- Timp.**: Timpani, playing a rhythmic accompaniment.
- Glk.**: Glockenspiel, playing a rhythmic accompaniment.
- Vib.**: Vibraphone, playing a rhythmic accompaniment.
- Mrb. 1, 2**: Maracas, playing a rhythmic accompaniment.
- Chm.**: Chimes, playing a rhythmic accompaniment.
- Perc. 1**: Percussion 1, playing a rhythmic accompaniment.
- Perc. 2**: Percussion 2, playing a rhythmic accompaniment.

The score includes dynamic markings such as *mp* (mezzo-piano) and *mf* (mezzo-forte), and a *Tutti* marking in measure 102. The tempo is marked as ♩ = 140 (♩ = ♩). The score is in 4/4 time and features a variety of rhythmic patterns, including triplets and sixteenth notes.

This page contains the musical score for 'INTRINSIC LIGHT', page 13. The score is written for a large ensemble and includes the following parts:

- Picc.
- Fl. 1
- Fl. 2
- Ob.
- Bsn.
- B. Cl. 1
- B. Cl. 2
- B. Cl. 3
- B. Cl.
- A. Sax. 1
- A. Sax. 2
- T. Sax.
- B. Sax.
- B. Tpt. 1
- B. Tpt. 2
- B. Tpt. 3
- Hn. 1
- Hn. 2
- Hn. 3
- Tbn. 1
- Tbn. 2
- Tbn. 3
- Euph.
- Tuba
- D.B.
- Timp.
- Glk.
- Vib.
- Mrb. 1
- Mrb. 2
- Chm.
- Perc. 1 (tambourine)
- Perc. 2

The score features complex rhythmic patterns, including triplets and sixteenth-note runs. A large watermark '© CAPTIVIST MUSIC PERUSALAN ONLY' is overlaid diagonally across the page. Measure numbers 109, 110, 111, 112, 113, 114, and 115 are indicated at the top of the staves.

This musical score page, numbered 14, is titled "INTRINSIC LIGHT". It features a large, diagonal watermark that reads "© CAIT FOR MUSIC PERUSALAN ONLY". The score is arranged for a full orchestra and includes the following instruments and parts:

- Picc.
- Fl. 1
- Fl. 2
- Ob.
- Bsn.
- B. Cl. 1
- B. Cl. 2
- B. Cl. 3
- B. Cl.
- A. Sax. 1
- A. Sax. 2
- T. Sax.
- B. Sax.
- B. Tpt. 1
- B. Tpt. 2
- B. Tpt. 3
- Hn. 1
- Hn. 2
- Hn. 3
- Tbn. 1
- Tbn. 2
- Tbn. 3
- Euph.
- Tuba
- D.B.
- Timp.
- Glk.
- Vib.
- Mrb. 1
- Mrb. 2
- Chm.
- Perc. 1
- Perc. 2

The score spans measures 116 to 123. It includes various musical notations such as dynamics (e.g., *f*, *mf*), articulation (accents, slurs), and performance instructions. The percussion parts (Perc. 1 and Perc. 2) feature complex rhythmic patterns, with Perc. 2 showing a dense, repetitive sequence of notes.

124 125 126 127 128 *molto rit.* 129 130

Picc.
Fl. 1
Fl. 2
Ob.
Bsn.
B. Cl. 1
B. Cl. 2
B. Cl. 3
B. Cl.
A. Sx. 1
A. Sx. 2
T. Sx.
B. Sx.
B. Tpt. 1
B. Tpt. 2
B. Tpt. 3
Hn. 1
Hn. 2
Hn. 3
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tuba
D.B.
Timp.
Glc.
Vib.
Mrb. 1
Mrb. 2
Chm.
Perc. 1
Perc. 2

Tempo: ♩ = 80 **Performance:** *rit.*

Measures: 131, 132, 133, 134, 135, 136, 137

Instrumentation: Picc., Fl. 1, Fl. 2, Ob., Bsn., B♭ Cl. 1, B♭ Cl. 2, B♭ Cl. 3, B. Cl., A. Sx. 1, A. Sx. 2, T. Sx., B. Sx., B♭ Tpt. 1, B♭ Tpt. 2, B♭ Tpt. 3, Hn. 1, Hn. 2, Hn. 3, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, D.B., Timp., Glk., Vib., Mrb. 1, Mrb. 2, Chm., Perc. 1, Perc. 2.

Dynamic markings: *p*, *pp*, *sus. cymb.*

Lyrics: sing on "lu"

Watermark: © 2017 CAPTIVOR MUSIC PERUSAHAAN MUSIK ONLY